

Vodafone702NKII User's Guide

ISSUE 1

CE 168

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This manual is the English version of Vodafone702NKII User's Guide for Japanese.

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For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.



SWITCH ON SAFELY Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.



ROAD SAFETY COMES FIRST Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



INTERFERENCE All wireless phones may be susceptible to interference, which could affect performance.



SWITCH OFF IN HOSPITALS Follow any restrictions. Switch the phone off near medical equipment.



SWITCH OFF IN AIRCRAFT Follow any restrictions. Wireless phones can cause interference in aircraft.



SWITCH OFF WHEN REFUELLING Don't use the phone at a refuelling point. Don't use near fuel or chemicals.



SWITCH OFF NEAR BLASTING Follow any restrictions. Don't use the phone where blasting is in progress.



USE SENSIBLY Use only in the normal position as explained in the product documentation. Don't touch the antenna unnecessarily.



QUALIFIED SERVICE Only qualified personnel may install or repair this product.



ENHANCEMENTS AND BATTERIES Use only approved enhancements and batteries. Do not connect incompatible products.



WATER-RESISTANCE Your phone is not water-resistant. Keep it dry.





BACK-UP COPIES Remember to make back-up copies or keep a written record of all important information.



CONNECTING TO OTHER PHONES When connecting to any other phone, read its user guide for detailed safety instructions. Do not connect incompatible products.



EMERGENCY CALLS Ensure the phone function of the phone is switched on and in service. Press  as many times as needed to clear the display and return to the start screen. Enter the emergency number, then press . Give your location. Do not end the call until given permission to do so.

About your device

The wireless device described in this guide is approved for use on the EGSM 900/1800/1900, and WCDMA 2000 network. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect privacy and legitimate rights of others.



Warning: To use any features in this device, other than the alarm clock, the phone must be switched on. Do not switch the device on when wireless phone use may cause interference or danger.

Network Services

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These Network Services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize Network Services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use Network Services. For instance, some networks may not support all language-dependent characters and services.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, they will not appear on your device menu. Contact your service provider for more information.

This wireless device is a 3GPP GSM Release 99 terminal supporting GPRS service, and is designed to support also Release 97 GPRS networks. However, there may be some compatibility issues when used in some Release 97 GPRS networks. For more information, contact your service provider.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as MMS, browsing, e-mail and content downloading via browser or over MMS, require network support for these technologies.

Enhancements, batteries, and chargers

Check the model number of any charger before use with this phone. This phone is intended for use when supplied with power from ACP-12 and LCH-12.



Warning: Use only batteries, chargers, and enhancements approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

For availability of approved enhancements, please check with your dealer. When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord.

Your phone and its enhancements may contain small parts. Keep them out of reach of small children.

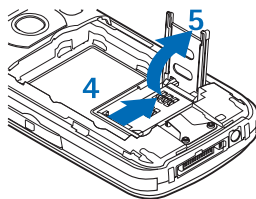
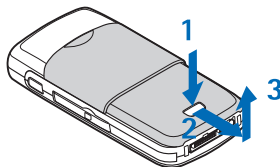
Icons in the user's guide might be different from the ones indicated on the phone display.

Before use

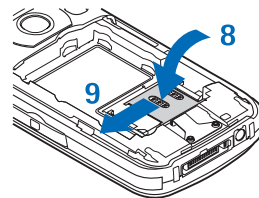
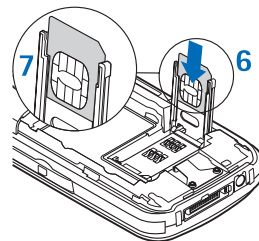
Insert the SIM or USIM card and battery

Glossary: The USIM card is an enhanced version of the SIM card and is supported by WCDMA mobile phones.

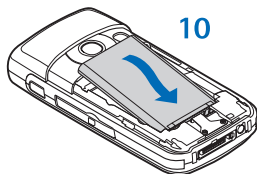
- 1 With the back of the phone facing you, press the release button (1), and slide the cover in the direction of the arrow (2).
- 2 Lift the cover (3).
- 3 To release the SIM card holder, slide the holder in the direction of the arrow (4), and open it (5).



- 4 Insert the SIM or USIM card into the holder (6). Make sure that the bevelled corner (7) on the SIM card is facing upward from the holder and that the contact area on the card is facing the connectors on the device.
- 5 Close the SIM card holder (8), and lock it into place (9).



- 6 Insert the battery (10).
- 7 Replace the back cover.



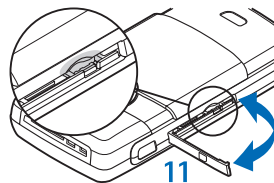
Insert the memory card

Use your memory card to save the memory on the device. In the sales package, you can find:

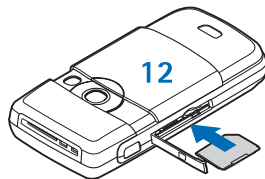


- The memory card (Reduced Size MultiMediaCard, RSMMC)
- MultiMediaCard (MMC) adapter
The adapter is not needed when you use the memory card in the device. The adapter allows you to use the memory card in another device that has a full-size MMC slot.

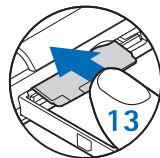
- 1 To insert the memory card, open the door (11) of the memory card slot. With the phone facing down, place your finger in the recess on top of the door and pull out the bottom of the door.



- 2 Insert the memory card in the slot (12). Make sure that the bevelled corner is facing towards the base of the device and that the contact area on the card is facing down.



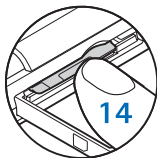
- 3 Push the card in (13). You can hear a click when the card is locked into place.
- 4 Close the door. You cannot use the memory card if the door is open.



Eject the memory card

- 1 Open the door of the memory card slot.
- 2 Press the memory card to release it from the slot (14).
- 3 Remove the memory card. If the device is switched on, press **OK**.

Do not open the memory card slot door in the middle of an operation. This may damage the memory card and the device, and data on the card may be corrupted.

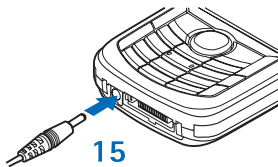


Charge the battery

- 1 Connect the charger to a wall outlet.
- 2 Connect the power cord to the device (15).

The battery indicator bar starts scrolling.

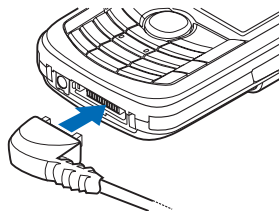
The device can be used while charging. If the battery is completely discharged, it may take a few minutes before the charging indicator is shown.



- 3 When the battery is fully charged, the bar stops scrolling. Disconnect the charger, first from the device, then from the wall outlet.









Headset

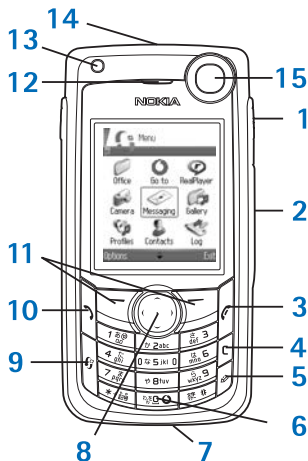
Connect the headset compatible with the device to the Pop-Port™ connector.




Warning: This headset may affect your ability to hear sounds around you. Do not use this headset in situations that may endanger your safety.

Keys and parts

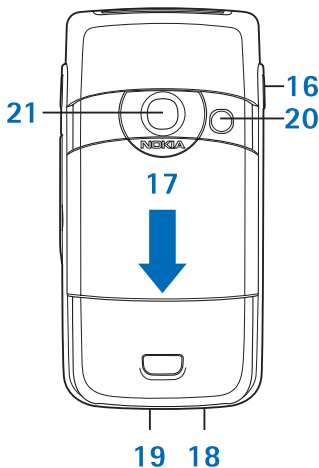
-  Power key (1)
- Memory card slot (2)
-  End key (3)
-  The Clear key (4) deletes text and items.
-  The Edit key (5) opens a list of commands when you edit text, such as **Copy**, **Cut**, and **Paste**.
-   (6) is pressed and held, and then the device connects to the **Web**.
- Microphone (7)
-  5-way Scroll key (8) to move around the menus. Press the Scroll key in the middle (●) to select, accept, or activate.
-  The Menu key (9) opens the main menu, as shown in the picture.



-  Call key (10)
- Left (—) and right (—) selection keys (11) select the commands and items shown on the display.
- Earpiece (12)
- Light sensor (13) constantly observes the lighting conditions and cause the display and keypad to flash in low light.
- Loudspeaker outlet (14)
- Front camera (15) for video calling (lower resolution than the back camera).

- Press the Voice key (16) during a call to change between the handset and loudspeaker. Press and hold (16) in the standby mode to activate voice commands.

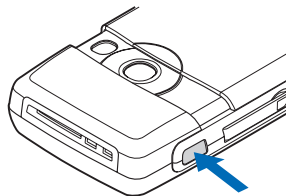
- Open the camera lens cover (17) to activate the back camera. This also deactivates the keypad lock, if it is on. Closing the camera lens cover returns the device to the previous mode. The keypad lock is reactivated, if it was on.
- Charger connector (18)
- Pop-Port™ connector (19) for enhancements such as a USB data cable and headset.
- LED flash (20)
- Back camera (21) for high resolution image capture or video recording.



Switch the device on

Press and hold the power key (1).

If the phone asks for a PIN code, UPIN code, or lock code, enter the code (displayed as ****), and press **OK**. The PIN code or UPIN code is usually supplied with the SIM or USIM card. The factory setting for the lock code is 12345. For more information on the access codes, see the user guide, 'Tools—Settings—Security'.



The device has a built-in antenna.



Note: As with any other radio transmitting device, do not touch the antenna unnecessarily when the device is switched on. Contact with the antenna affects call quality and may cause the device to operate at a higher power level than otherwise needed. Avoiding contact with the antenna area when operating the device optimises the antenna performance and the battery life.



About the display

Remove the protective plastic films covering the display and front camera.

A small number of missing, discoloured, or bright dots may appear on the screen. This is a characteristic of this type of display. Some displays may contain pixels or dots that remain on or off.

First settings

- 1 When you switch on the device for the first time, it may ask you to set the following information:
city, time, date: Use ⏮ (Scroll key) and the number keys. Enter the first letters of the city name to find the city. If the city name consists of Kanji, enter the first letters of the city name and convert them to Kanji. For example, when searching Tokyo, enter T as the first letter to find it. Note that the city selected also defines the time zone for the clock in the device.
- 2 Press ⏮ (Menu key) to open the main menu.














Note: Your service provider/network operator may have requested a different order for menu items or the inclusion of different icons in the phone menu. Contact your service provider/network operator for assistance with any features that differ from those described in this guide.




Configure MMS and Internet settings














The device has a configuration tool, which automatically configures MMS, GPRS, streaming and Internet settings based on your service provider information.

Because MMS and Web access for Vodafone are preconfigured, there is no need for configuration.

Essential indicators




-  The device is being used in a GSM network.
-  The device is being used in a WCDMA network.
-  There is a new message in the voice mailbox service centre.
-  You have received one or several messages to the **Inbox** folder in **Messaging**. When the icon is blinking, it indicates the status in which the **Inbox** folder is full and the memory is low. Delete unnecessary data.
-  There are new E-mails in the E mail client.
-  There are messages waiting to be sent in the **Outbox** folder.
-  You have missed calls.
-  This is displayed when **Silent profile** is set. For setting silent profile, see "Set tones"(P.23).
-  The device keypad is locked.
-  You have an active clock alarm.
-  The second phone line is being used.

 All calls to the phone are diverted to another number. If you have two phone lines, the divert indicator for the first line is  and for the second .


-  A headset is connected to the device.
-  A loopset is connected to the device.
-  A Bluetooth-enabled car kit is connected to the device.
-  The connection to a Bluetooth-enabled headset has been lost.
-  A data call is active.
-  A GPRS or EDGE packet data connection is available.
-  A GPRS or EDGE packet data connection is active.
-  A GPRS or EDGE packet data connection is on hold.
-  A WCDMA packet data connection is available.
-  A WCDMA packet data connection is active.
-  Bluetooth connectivity has been set to **On**.
-  Data is being transmitted using a Bluetooth connection.
-  A USB connection is active.


Keypad lock (Keyguard)

Use the keypad lock to prevent the keys from being accidentally pressed.

To lock: In the standby mode, press , then . When the keys are locked,  is shown on the display.

To unlock: Press , then .

When the keypad lock is on, calls still may be possible to the official emergency number programmed into the device. Enter the emergency number, and press .












To turn on the display light when the keypad lock is on, press .

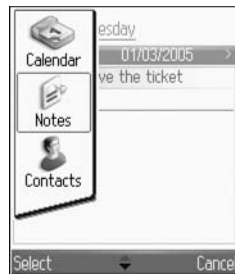
In this situation, calls to 110, 118 and 119 may not be possible depending on your USIM card. In that case, please set this option off and make calls with these numbers in accordance with "Emergency calls" on page 148.










Note: The keypad lock is released when the camera lens cover opened.

Standby mode shortcuts








- To switch between applications that are open, press and hold . To end an application, scroll to it, and press . If memory is low, the device may close some applications. The device saves any unsaved data before closing an application, but the data is not necessarily saved in all cases.
- To open the **Go to** list, press  in the standby mode.
- To open **Contacts**, press  in the standby mode.
- To open **Log**, press  in the standby mode.
- To enter a new message, press  in the standby mode.
- To change the profile, press , and select a profile.
- To open the last dialled numbers list, press  in the standby mode.
- To use voice commands, press and hold .
- To establish an **Web** connection, press and hold   in the standby mode.



Tips for efficient use

- To mark an item in a list, scroll to it, and press  and  at the same time.
- To mark multiple items in a list, press and hold , while you press  or . A check mark is placed next to the selected items. To end the selection, release the scroll key, then release . After you select all the items you want, you can move or delete them.
- In some situations, when you press , a shorter options list shows the main commands available in the view.

Copy/paste text

- To select letters and words, press and hold , while pressing , , , or  at the same time. As the selection moves, text is highlighted. To copy the text to the clipboard, while still holding , press **Copy**. To insert the text into a document, press and hold  and press **Paste**.


Transfer content from another phone

- Use the Transfer application. See the user guide, "Personalise the device"—"Transfer content from another phone".
- Use the Nokia Content Copier available in Nokia PC Suite to copy content from a compatible Nokia phone. See the CD-ROM supplied with the device. Nokia Content Copier supports several Nokia phone models. For more information on the phones supported by each Nokia PC Suite, see the www.nokia.co.jp.



Help

The device has a help function. To access it from an application, select **Options > Help**.

To view instructions on how to create a contact, begin creating a contact, and select **Option > Help**. Alternatively, select **Tools > Help** to view instructions about **Contacts**. When you are reading the instructions, to switch between **Help** and the application that is open in the background, press and hold .

Nokia support on the web

For operations of the device, see www.nokia.co.jp/6680sousa (Japanese only).

Check www.nokia.co.jp for additional information, downloads, and services related to your Nokia product.

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Personalise the device



Note: Your service provider or network operator may have requested a different order for menu items or the inclusion of different icons in the phone menu. Contact your service provider or network operator regarding any features of your phone that differ from those described in this guide.

- To change the standby mode background image or what is shown in the screen saver, see "Change the look of the device" on page 26.
- For how to rapidly open an application that you frequently use, see "Standby mode functionality extension" on page 26.
- For the ringing tone settings, see "Set tones" on page 23.
- To change the shortcuts assigned for the different presses of the scroll key and selection keys in the



standby mode, see "Key settings for the standby mode" on page 103.

- To change how the clock is displayed or the alert tone, see "Clock" on page 22.
- To change the calendar alarm tone, select **Office** > **Calendar** > **Options** > **Settings** > **Calendar alarm tone**.
- To change the welcome note to an image or text, select **Tools** > **Settings** > **Phone** > **General** > **Welcome note or logo**. See "Welcome note" on page 103.
- To assign an individual ringing tone to a contact, select **Contacts**. See "Add ringing tones for contacts" on page 38.
- To assign speed dial to the telephone number of a contact, press a numbered key in the standby mode (1 is reserved for the voice mailbox), and press **↵**. Press **Yes**, and then select a contact. For switching on the speed dialling, see "Speed dialling" on page 105.
- To rearrange the main menu, in the main menu, select **Options** > **Move**, **New folder**, or **Move to folder**. You can move less used applications into folders, and place applications that you use more often into the main menu.



Clock

Options in **Clock** are **Set alarm**, **Reset alarm**, **Remove alarm**, **Settings**, **Help**, and **Exit**.

Press **⌘**, and select **Office > Clock**.

To set a new alarm, select **Options > Set alarm**. Enter the alarm time, and select **OK**. When the alarm is active, the **🔔** indicator is shown in the standby mode.

To turn off the alarm, select **Stop**. When the alarm tone sounds, press any key, or select **Snooze** to stop the alarm for five minutes, after which it will resume. You can do this a maximum of five times.

If the alarm time is reached while the device is switched off, the device switches itself on and starts sounding the alarm tone. If you select **Stop**, the device asks whether you want to activate the device for calls. Select **No** to switch off the device or **Yes** to make and receive calls. Do not select **Yes** when wireless phone use may cause interference or danger.

To remove the alarm, select **Clock > Options > Remove alarm**.

Clock settings

To change the clock settings, select **Options > Settings** in the clock.


To change the clock shown in the standby mode, select **Clock type > Analogue** or **Digital**.

To allow the mobile phone network to update the time, date, and time zone information to the device (network service), scroll down, and select **Auto time update**. For the **Auto time update** setting to take effect, the device restarts.

To change the alarm tone, scroll down, and select **Clock alarm tone**.

To change the daylight-saving time status, scroll down, and select **Daylight-saving**. Select **On** to add one hour to the **My home city** time. See "World clock" on page 23. When the daylight-saving is active, the **🌞** indicator is shown in the clock main view.

World clock


Open **Clock**, and press  to open the world clock view. In the world clock view, you can view the time in different cities.


To add cities to the list, select **Options > Add city**. Enter the first letters of the city name. The search field appears automatically, and the matching cities are displayed. If the city name consists of Kanji, enter the first letters of the city name and convert them to Kanji. For example, when searching Tokyo, enter T as the first letter to find it. Select a city to add. You can add a maximum of 15 cities to the list.

To set your current city, scroll to a city, and select **Options > My home city**. The city is displayed in the clock main view, and the time in the device is changed according to the city selected. Check that the time is correct and matches your time zone.




Set tones

To set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups, press , and select **Profiles**. You can see the currently selected profile at the top of the display in the standby mode. If the **General** profile is in use, only the current date is shown.

To activate or deactivate the silent profile quickly, press and hold  # in standby mode.



In silent profile, silent profile sounds are not turned off at following functions.

- Any content played by Real Player™
- Clock alert
- Call audio can be routed to loudspeaker
- Sounds produced by Browser plugins
- Camera shutter sound
- Video camera start & end sound

To change the profile, press  in the standby mode. Scroll to the profile you want to activate, and select **OK**.




Tip: When you choose a tone, **Tone downloads** opens a list of bookmarks. You can select a bookmark and start connection to a Web page to download tones.

To modify a profile, select **Profiles**. Scroll to the profile, and select **Options > Personalise**. Scroll to the setting you want to change, and press  to open the choices. Tones stored on the memory card are indicated with . Scroll through the tone list and listen to each one before you make your selection. Press any key to stop the sound.

To create a new profile, select **Options > Create new**.

Offline profile

The **Offline** profile lets you use the phone without connecting to the wireless network. When you activate the **Offline** profile, the connection to the wireless network is turned off, as indicated by  in the signal strength indicator. All wireless phone signals to and from the device are prevented. If you try to send messages, they are placed in the outbox to be sent later.



Tip: For information on how to change the alert tone for the calendar or clock, see "Personalise the device" on page 21.



Warning: In **Offline** profile you cannot make calls, except calls to certain emergency numbers, or use features that require network coverage. To make calls, change the profile to activate the phone function. If the device has been locked, you must enter the unlock code before you can change the profile and make calls.



Warning: The device must be switched on to use **Offline** profile. Do not switch the device on when wireless device use is prohibited or when it may cause interference or danger.

To leave the **Offline** profile, select another profile, and select **Options > Activate > Yes**. The phone re-enables wireless transmissions (providing there is sufficient signal strength). If a Bluetooth connection is activated before entering the **Offline** profile, it will be deactivated. A Bluetooth connection is automatically reactivated after leaving the **Offline** profile. See "Bluetooth connection settings" on page 95.



Transfer content from another phone

You can copy contacts, calendar, images, video, and sound clips using a Bluetooth connection, from a compatible Nokia Series 60 phone.

You can use the device without a SIM card. Offline profile is automatically activated when the device is switched on without a SIM card. This allows you to use the SIM card in another phone.

Before starting the transfer, you must activate Bluetooth connectivity on both phones. On each phone press **g**, and select **Connect > Bluetooth**. Select **Bluetooth > On**. Give a name to each phone.

To transfer content:




- 1 Press **g**, and select **Tools > Transfer** on the phone. Follow the instructions on the screen.
- 2 The phone searches for devices with Bluetooth connectivity. When it has finished the search, select your other phone from the list.
- 3 You are asked to enter a code on your phone. Key in any code (1-16 digits) and select **OK**. Enter the same code on the other phone, and select **OK**.

- 4 The **Transfer** application is sent to the other phone as a message.
- 5 Open the message to install the **Transfer** application on the other phone, and follow the instructions on the screen. The application is added to the main menu.
- 6 From your phone, select the content you want to copy from the other phone.

Content is copied from the memory and memory card of the other phone to your phone and memory card. Copying time depends on the amount of data to be transferred. You can cancel copying and continue later.



Change the look of the device

To change the look of the device display, such as the wallpaper, colour set, and icons, press , and select **Tools > Themes**. The active theme is indicated by . In **Themes** you can group together elements from other themes or select images from the **Gallery** to personalise themes further. The themes on the memory card are indicated by .

Options in the **Themes** main view are **Preview/Download, Apply, Edit, Help**, and **Exit**.

To activate a theme, scroll to it, and select **Options > Apply**.

To preview a theme, scroll to it, and select **Options > Preview**.

To edit themes, scroll to a theme, and select **Options > Edit** to change the following options:

- **Wallpapers**—The image to be shown as a background image in the standby mode.
- **Colour palette**—The colours used on the screen.



- **Screen saver**—Screen saver type, and date and time, or text that you have entered yourself. See also Screen saver timeout settings on page 104.
- **Image in 'Go to'**—The background image for the Go to application.

To restore the selected theme back to its original settings, select **Options > Restore orig. theme** when you edit a theme.


There are some themes that you cannot edit.

Standby mode functionality extension




You can rapidly open an application that you frequently use from the standby mode.

Press , select **Tools > Settings > Phone > Standby mode > Active standby**, and press  to switch on/off the active standby.

In active standby, default applications are shown across the top of the screen, and calendar, to-do listed below. (when schedules are saved).

Scroll to an application or event, and press .

The standard scroll key shortcuts available in the standby mode cannot be used when the active standby is on.

- 1 To change the default applications shortcuts, press , select **Tools > Settings > Phone > Standby mode > Active standby apps.**, and press .
- 2 Highlight a shortcut to an application, and select **Options > Change.**
- 3 Select a new application from the list, and press .

Some shortcuts may be fixed, and you are not able to change them.



Make calls

Voice call



Tip: To increase or decrease the volume during a call, press or .

- 1 In the standby mode, enter the phone number, including the area code. Press to remove a number. For international calls abroad, press twice for the + character (replaces the international access code), and enter the country code, area code (omit the leading zero if necessary), and phone number. For the setting for the international access code used when an international call is made from Japan, see "Call settings" on page 104.
- 2 Press to call the number.
- 3 Press to end the call (or to cancel the call attempt).



Tip: To change the phone number of your voice mailbox, press , and select **Office > Voice mail > Options > Change number**. Enter the number (obtained from your service provider), and press **OK**.

Pressing always ends a call, even if another application is active.

- 1 To make a call from **Contacts**, press , and select **Contacts**. Scroll to the desired name; or enter the first letters of the name to the search field. Matching contacts are listed. Press to call. Then, select **Options > Call**, and select **Voice call** as a call type.

To call your voice mailbox (network service), press and hold in the standby mode. See also "Call diverting" on page 113.

To call a recently dialled number in the standby mode, press to access a list of the 20 last numbers you called or attempted to call. Scroll to the number you want, and press to call the number.

Video call



When you make a video call, you can see a real-time, two-way video between you and the recipient of the call. The video image captured by either camera in your phone will be shown to the video call recipient.



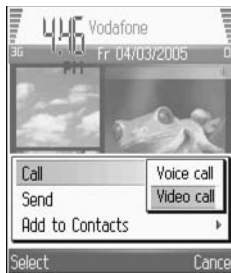
Tip: Use the camera lens cover to switch between the front and back cameras. See "Camera" on page 41.

To be able to make a video call, you need to have a USIM card and be in the coverage of a WCDMA network. For availability of and subscription to video call services, contact your network operator or service provider. A video call can only be made between two parties. The video call can be made to a compatible mobile phone or an ISDN client. Video calls cannot be made while there is another voice, video, or data call active.

Icons:

-  You are not receiving video (either the recipient is not sending video, or the network is not transmitting it).
-  You have denied video sending from your phone. To send a still image instead, see "Call settings" on page 104.



- 1 To start a video call, enter the phone number in the standby mode, or select **Contacts**, and select a contact. Then, select **Options > Call > Video call**.





- 2 Starting a video call may take a while. **Waiting for image** is shown.

If the call is not successful (for example, video calls are not supported by the network, or the receiving device is not compatible), you are asked if you want to try a normal call or send a message instead.



Tip: To increase or decrease the volume during a call, press  or .

- 3 The video call is active when you can see two video images and hear the sound through the loudspeaker. The call recipient may deny video sending (, in which case you may see a still image or a grey background graphic. You will hear the sound. Select **Enable/Disable: Sending video**, **Sending audio**, or **Sending audio & video** if you want to change between showing video or hearing only sound. Select **Zoom in** or **Zoom out** to zoom your own image. Zoom indicator is shown on the top of the display.
- 4 To end the video call, press .

Speed dial a phone number

To assign a phone number to one of the speed dialling keys (**か** 2abc — **wxyz** 9), press **📞**, and select **Tools > Speed dial**. 1 **☎** is reserved for the voice mailbox. If Contacts are opened, a receiver mark is shown on the right side of the telephone number registered as a speed dial.

For switching on the speed dialling, see "Speed dialling" on page 105.

To call in the standby mode, press the speed dial key and **↵**.



Tip: To speed dial a number by pressing and holding the key, press **📞**, and select **Tools > Settings > Call > Speed dialling > On**.

Make a conference call (network service)

- 1 Make a call to the first participant.
- 2 To make a call to another participant, select **Options > Call**. The first call is automatically put on hold.

- 3 When the new call is answered, to join the first participant in the conference call, select **Options > Conference**.

To add a new person to the call, repeat step 2, and select **Options > Conference > Add to conference**.



The device supports conference calls between a maximum of six participants, including yourself.

To have a private conversation with one of the participants, select **Options > Conference > Private**. Select a participant, and press **Private**. The conference call is put on hold on your phone. The other participants can still continue the conference call. Once you have finished the private conversation, select **Options > Conference > Add to conference** to return to the conference call.

To drop a participant, select **Options > Conference > Drop participant**, scroll to the participant, and select **Drop**.




- 4 To end the active conference call, press **📞**.

Volume and loudspeaker control


To increase or decrease the volume level, when you have an active call or are listening to a sound, press  or , respectively.



The built-in loudspeaker allows you to speak and listen to the phone from a short distance without having to hold the phone to your ear, for example, having it on a table nearby. Sound applications use the loudspeaker by default.

- To use the loudspeaker during a call, start a call, and press .
-  Important: Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.
- To turn off the loudspeaker when you have an active call or are listening to a sound, press .


Answer or reject a call

To answer the call, press .

To mute the ringing tone when a call comes in, select **Silence**. The volume control bar is shown in standby mode when a call comes in, but volume of the ringing tone cannot be changed because this bar is for changing the loudspeaker volume.




Tip: If a compatible headset is connected to the device, answer and end a call by pressing the headset key.


If you do not want to answer a call, press  to reject it. The caller hears a line busy tone. If you have activated the **Call divert > Active call** function to divert calls, rejecting an incoming call also diverts the call. See "Call diverting" on page 113.

When you reject an incoming call, you can also send a text message to the caller informing why you cannot answer the call. Select **Options > Send text message**. You can edit the text before sending it. See also **Reject call with SMS** on page 104.

If you answer a voice call during a video call, the video call is dropped.

Answer or reject a video call

When a video call arrives, you can see .

- 1 Press  to answer the video call. **Allow video image to be sent to caller?** is shown.

If you select **Yes**, the image being captured by the camera in your phone is shown to the caller. If you select **No**, or do nothing, video sending is not activated, and you hear a sound. A grey screen is shown in place of the video. To replace this grey screen with a still image, see "Call settings", **Image in video call** on page 104.

- 2 To end the video call, press .




Note: Even if you have denied video sending during a video call, the call will still be charged as a video call. Check the pricing with your network operator or service provider.


Call waiting (network service)

In **Tools > Settings > Call > Call waiting**, You can answer a call while you have another call in progress if you have activated **Call waiting**(network service).



Tip: To change the phone tones for different environments and events, for example, when you want your phone to be silent, see "Set tones" on page 23.


To answer the waiting call, press . The first call is put on hold.


To switch between the two calls, press **Swap**. Select **Options > Transfer** to connect an incoming call or a call on hold with an active call and to disconnect yourself from the calls. To end the active call, press . To end both calls, select **Options > End all calls**.

Options during a voice call

Many of the options that you can use during a voice call are network services. Select **Options** during a voice call for the following options: **Mute** or **Unmute**, **Respond**, **Reject**, **Swap**, **Hold** or **Unhold**, **Activate handset**, **Activate loudsp.**, or **Activate handsfree** (if a compatible headset with Bluetooth connectivity is attached), **End active call** or **End all calls**, **New call**, **Conference**, and **Transfer**. Select from the following:

Replace—To end an active call and replace it by answering the waiting call.

Send MMS (in WCDMA networks only)—To send an image or a video in a multimedia message to the other participant of the call. Press  to send the file to a compatible device (network service).

Send DTMF—To send DTMF tone strings, for example, a password. Enter the DTMF string or search for it in Contacts. To enter a wait character (**w**) or a pause character (**p**), press * +  repeatedly. Select **OK** to send the tone.



Tip: You can add DTMF tones to the **Telephone** or **DTMF** fields in a contact card.


Options during a video call

Select **Options** during a video call for the following options: **Enable** or **Disable** (video, audio, or both), **Activate handset**, **Activate loudsp.**, or **Activate handsfree** (if a compatible headset with Bluetooth connectivity is attached), **End active call**, **Use front camera/Use back camera**, **Zoom in/Zoom out**, and **Help**.




Log


Recent calls

To monitor the phone numbers of missed, received, and dialled calls, press , and select **Log > Recent calls**. The phone registers missed and received calls only if the network supports these functions, the device is switched on, and within the network's service area.


A video mark is shown on the right side for video calls.



Tip: When you see a note in the standby mode about missed calls, select **View** to access the list of missed calls. To call back, scroll to a name or number, and press .

Erasing recent call lists—To clear all recent call lists, select **Options > Clear recent calls** in the recent calls main view. To clear one of the call registers, open the register you want to erase, and select **Options > Clear list**. To clear an individual event, open a register, scroll to the event, and press .

Call duration


To monitor the approximate duration of your incoming and outgoing calls, press , and select **Log > Call duration**.



Note: The actual time invoiced for calls by your service provider may vary, depending on network features, rounding off for billing, and so forth.




To drop a participant, select **Options > Clear timers**. For this you need the lock code. See "Phone and SIM" in "Security" on page 109.



Packet data

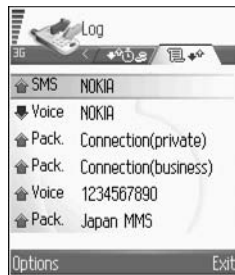
To check the amount of data sent and received during packet data connections, press , and select **Log > Packet data**. For example, you may be charged for your packet data connections by the amount of data sent and received.


Monitor all communication events

Icons in **Log**:

-  Incoming
-  Outgoing
-  Missed communication events

To monitor all voice and video calls, text messages, or data connections registered by the device, press , select **Log**, and press  to open the general log. For each communication event, you can see the sender or recipient name, phone number, name of the service provider, or access point. You can filter the general log to view just one type of event and create new contacts based on the log information.



Tip: To view a list of sent messages, press , and select **Messaging > Sent**.

Subevents, such as a text message sent in more than one part and packet data connections, are logged as one communication event. Connections to your mailbox, multimedia messaging centre, or Web pages are shown as packet data connections.



Note: When sending messages, your phone may display Send. This is an indication that the message has been sent by the device to the message centre number programmed into your phone. This is not an indication that the message has been received at the intended destination. For more details about messaging services, check with your service provider.

To filter the log, select **Options > Filter** and select a filter.


To erase the contents of the log, recent calls register, and messaging delivery reports permanently, select **Options > Clear log**. Select **Yes** to confirm.

To set the **Log duration**, select **Options > Settings > Log duration**. The log events remain in the phone memory for a set number of days after which they are automatically erased to free memory. If you select **No log**, all the log contents, recent calls register, and messaging delivery reports are permanently deleted.

Packet data counter and connection timer: To view how much data, measured in kilobytes, has been transferred and how long a certain packet data connection has lasted, scroll to an incoming or outgoing event indicated by **Pack.**, and select **Options > View details**.



Contacts (Phonebook)

Press , and select **Contacts**. In **Contacts**, you can add a personal ringing tone, voice tag, or a thumbnail image to a contact. You can also create contact groups, which allow you to send text messages or e-mail to many recipients at the same time. You can add received contact information (business cards) to contacts. See "Data and settings" on page 67. Contact information can only be sent to or received from compatible devices.

Options in **Contacts** are **Open**, **Call**, **Create message**, **New contact**, **Edit**, **Delete**, **Duplicate**, **Add to group**, **Belongs to groups**, **Mark/Unmark**, **Copy**, **SIM contacts**, **Go to web address**, **Send**, **Contacts info**, **Settings**, **Help**, and **Exit**.

Save names and numbers

- 1 Select **Options > New contact**.
- 2 Fill in the fields that you want, and press **OK**.

Options when editing contacts are **Add image**, **Remove image**, **Add detail**, **Delete detail**, **Edit label**, **Help**, and **Exit**.

Reading (Furigana) is used for searching in the contacts.







Tip: To add and edit contacts, also use Nokia Contacts Editor available in Nokia PC Suite. See the CD-ROM supplied with the device.

To attach a thumbnail image to a contact, open the contact, and select **Options > Edit > Options > Add thumbnail**. The thumbnail image is shown when the contact calls.

Edit contacts

To edit contacts, scroll to the contact you want to edit, and select **Options > Edit**.


Delete contacts



To delete a contact, select a contact, and press . To delete several contact cards at the same time, press  and  at the same time to mark the contacts, and press  to delete.

To delete all contacts, press , and select **Contacts > Options > Mark/Unmark > Mark all > Options > Delete**.

Default numbers and addresses

You can assign default numbers or addresses to a contact. In this way if a contact has several numbers or addresses, you can easily call or send a message to the contact to a certain number or address.


- 1 In contacts, select a contact, and press .
- 2 Select **Options > Defaults**.
- 3 Select a default to which you want to add a number or an address, and select **Assign**.
- 4 Select a number or an address you want to set as a default.

In front of names,  is shown if the mobile phone number is the default value in the name list of contacts, and  is shown if the telephone number is the default value.

Copy contacts



Tip: To send contacts, select the contacts you want to send, and select **Options > Send > Via text message, Via multimedia**, or **Via Bluetooth**. See "Messaging" on page 55 and "Send data using a Bluetooth connection" on page 96.

- To copy names and numbers from a SIM card to the device, press , and select **Contacts > Options > SIM contacts > SIM directory**. Select the names you want to copy, and select **Options > Copy to Contacts**.
- To copy a telephone, fax, or pager number from contacts to your SIM card, open **Contacts**, select the number, and select **Options > Copy > To SIM directory**.




Tip: You can synchronise your contacts to a compatible PC with Nokia PC Suite. See the CD-ROM supplied with the device.

SIM directory and other SIM services



Note: For availability, rates, and information on using SIM services, contact your SIM card vendor (network operator, service provider or other vendor).

Press , and select **Contacts > Options > SIM contacts > SIM directory** to see the names and numbers stored on the SIM card. In the SIM directory you can add, edit, or copy numbers to contacts, and you can make calls. To view the phone numbers assigned to your SIM card, select **Options > My numbers**.

Add ringing tones for contacts

When a contact or group member calls you, the phone plays the chosen ringing tone (if the caller's telephone number is sent with the call and the device recognises it).



Tip: Speed dialling is a quick way to call frequently used numbers. You can assign speed dialling keys to eight phone numbers. See "Speed dial a phone number" on page 30.

- 1 Press to open a contact, or go to the groups list, and select a contact group.
- 2 Select **Options > Ringing tone**. A list of ringing tones opens.
- 3 Select the ringing tone you wish to use for the individual contact or the selected group.

To remove the ringing tone, select **Default tone** from the list of ringing tones.

If a ringing tone has been set for a contact group, and then a contact is added to the group, the group's ringing tone will not be applied to the added contact.

Voice dialling

You can make a phone call by saying a voice tag that has been added to a contact. Any spoken words can be a voice tag.

Before using voice tags, note the following:

- Voice tags are not language-dependent. They are dependent on the speaker's voice.
- You must say the voice tag exactly as you said it when you recorded it.
- Voice tags are sensitive to background noise. Record voice tags and use them in a quiet environment.
- Very short names are not accepted. Use long names and avoid similar names for different numbers.



Note: Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

Add a voice tag




Example: You can use a person's name as a voice tag.

You can have only one voice tag per contact. You can add a voice tag to up to 50 phone numbers.

- 1 In **Contacts**, open the contact to which you want to add a voice tag.
- 2 Scroll to the number to which you want to add the voice tag, and select **Options > Add voice tag**.




Tip: To view a list of voice tags you have defined, select **Contacts > Options > Contacts info > Voice tags**.


- 3 Select **Start** to record a voice tag. After the starting tone, say clearly the words you want to record as a voice tag. Wait until the phone plays the recorded tag and saves it.  is displayed next to the number in the contact card, indicating that a voice tag has been added to it.

Make a call with a voice tag



You must say the voice tag exactly as you said it when you recorded it. When you are making a call by saying a voice tag, the loudspeaker is in use. Hold the phone at a short distance away, and say the voice tag clearly.

Press and hold . If a short tone is played, and the note **Speak now** is displayed, say a voice tag. The phone plays the original voice tag, displays the name and number, and dials the number of the recognised voice tag.



Tip: To listen to, change, or delete a voice tag, open a contact and scroll to the number that has a voice tag (indicated by ). Then, select **Options > Voice tags > Playback, Change, or Delete**.

Create contact groups

- 1 In **Contacts**, press  to open the groups list.
- 2 Select **Options > New group**.
- 3 Enter the group name or use the default name **Group**, and select **OK**.
- 4 Open the group, and select **Options > Add members**.
- 5 Scroll to a contact, and press  to mark it. To add multiple members at a time, repeat this action on all the contacts you want to add.
- 6 Select **OK** to add the contacts to the group.

To rename a group, select **Options > Rename**, enter the new name, and select **OK**.



Options in the groups list view are **Open, New group, Delete, Rename, Ringing tone, Contact info, Settings, Help**, and **Exit**.

Remove members from a group

- 1 In the groups list, open the group you want to modify.
- 2 Scroll to the contact, and select **Options > Remove from group**.
- 3 Select **Yes** to remove the contact from the group.



Tip: To check to which groups a contact belongs, scroll to the contact, and select **Options > Belongs to groups**.


Camera and Gallery



Camera



Respect the personal rights of others and obey the local laws, regulations, and customs when taking and using images or video clips.

The device has two cameras, a high resolution camera on the back of the device, and a lower resolution camera on the front. Both can be used to take still pictures and video.

Open the camera lens cover on the back of the phone to activate the back camera, or press  and select **Camera** in the standby mode to activate the front camera (the back camera is activated if the camera lens cover is already open).



Tip: Opening the camera lens cover deactivates the keypad lock. Closing the camera lens cover (when the camera starts) reactivates the keypad lock if it was on before opening the cover.

The **camera** application starts when a camera is activated, and you can see the view to be captured. In addition, press  or  to move between **Image** and **Video** views.

Use the camera lens cover to switch between the two cameras. With the camera lens cover open, the back camera is used. With the camera lens cover closed, the

front camera is used; or select **Options > Use front camera** or **Use back camera** to switch between cameras.

In **Camera**, you can take pictures and record videos. The images and video are automatically saved in the Gallery. The cameras produce JPEG images, and video clips are recorded in the 3GPP file format with the 3GP file extension. You can also send images or a video in a multimedia message as an e-mail attachment or using a Bluetooth connection.



Tip: You can attach an image into a contact. See "Save names and numbers" on page 36.

The device supports an image capture resolution of up to 1280 x 960 pixels using the back camera. The image resolution in these materials may appear different.

Take pictures

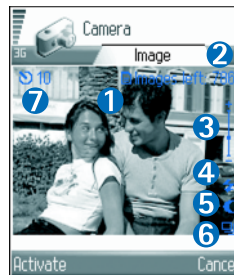
Press or to move between **Image** and **Video** views. Open the **Image** view.

Options before taking a picture are **Capture**, **New**, **Flash** (back camera only), **Use front camera/Use back camera**, **Activate night mode/Deact. night mode**, **Sequence mode/General**, **Self-timer**, **Go to Gallery**, **Adjust**, **Settings**, **Help**, and **Exit**.

Camera indicators show the following:

- The phone memory () and memory card () indicators (1) show where images are saved.
- The images indicator (2) estimates how many images, depending on the selected image quality, can fit in the remaining memory of your phone or the memory card.
- The zoom indicator (3) shows the zoom level. Press to zoom in, press to zoom out.
- The flash indicator (4) shows if the flash is **On** () , **Off** () , or **Automatic** (A).
- The night mode indicator (5) shows that the night mode is active.

- The sequence mode indicator (6) shows that sequence mode is active. See "Take pictures in a sequence" on page 43.
- The self-timer indicator (7) shows how much time is left before a picture is taken. See "You in the picture—self-timer" on page 44.




Shortcuts are as follows:

- Press **1** to activate or deactivate night mode.
- Press **4** to activate or deactivate sequence mode.
- Press **3** to adjust brightness.
- Press **6** to adjust contrast.


To take a picture, press . Do not move the phone before the image is saved. The image is saved automatically in the **Image** folder of **Gallery**. See "Gallery" on page 47.



Saving the captured image may take longer if you have changed the zoom, lighting, or colour settings.

When taking a picture, note the following:

- It is recommended to use both hands to keep the camera still.
- To take images or record video in a dark environment, use the night mode. If you are using the night mode, the exposure time is longer and the camera needs to be kept still longer.
- To make lighting and colour adjustments before taking a picture, select **Options > Adjust > Brightness, Contrast, White balance** (back camera only), or **Colour tone** (back camera only). See "Adjust colour and lighting" on page 44.
- The quality of a zoomed picture is lower than that of a nonzoomed picture, but the image remains the same size. You may notice the difference in image quality if viewed on a PC.
- **Camera** goes into battery saving mode if there are no key presses within a minute. To continue taking pictures, press .

After the image has been taken, note the following:

- If you do not want to keep the image, press .


- To return to the viewfinder to take a new picture, press .
- To send the image by using **Bluetooth**, **E-mail**, or **Multimedia message**, press . For more information see "Messaging" on page 55 and "Bluetooth connection" on page 95.
- To set the picture as wallpaper in the standby mode, select **Options > Set as wallpaper**.

Take pictures in a sequence

Select **Options > Sequence mode** to set the camera to take six pictures in a sequence. After the pictures are taken, they are automatically saved in **Gallery**, and are shown in a grid.



You in the picture—self-timer

Use the self-timer to delay the taking of a picture so that you can include yourself in the picture. To set the self-timer delay, select **Options > Self-timer > 10 seconds, 20 seconds, or 30 seconds**. Select **Activate**. The self-timer indicator () blinks and the phone beeps when the timer is running. The camera takes the picture after the selected delay has elapsed.

The flash

The back camera has an LED flash for low light conditions. The following flash modes are available: **On, Off, and Automatic**.

Select **Options > Flash > On** to use the flash.

If the flash is set to **Off** or **Automatic** during bright conditions, the flash still emits a low light when an image is captured. This allows the subject of the picture to see when the picture is taken. There is no flash effect on the resultant picture.

Adjust colour and lighting

To enable the camera to reproduce colours and lighting more accurately, or to add effects to your pictures or

videos, select **Options > Adjust**, and select from the following:

Brightness—Scroll left and right to select the appropriate brightness setting.

Contrast—Scroll left and right to select the appropriate contrast setting.

White balance (back camera only)—Select the current lighting condition from the list. This allows the camera to reproduce colours more accurately.

Colour tone (back camera only)—Select a colour effect from the list.

The screen display changes to match any settings made, showing you how the final pictures or videos will look.

Adjust camera settings

- 1 Select **Options > Settings > Image**.
- 2 Scroll to the setting you want to change:
 - Image quality**—**High, Normal, and Basic**. The better the image quality, the more memory the image consumes. The quality of a zoomed picture is lower than that of a nonzoomed picture, but the image remains the same size. You may notice the difference in image quality if viewed on a PC, for example. If you are going to print the image, select **High** or **Normal** image quality.

Show captured image—Select **Yes** if you want to see the captured image after it has been taken, or **No** if you want to continue taking pictures immediately.



Image resolution (back camera only)—Select the resolution you want to use for the images you are going to take.

Glossary: Resolution is a measure of sharpness and clarity of an image. Resolution refers to the number of pixels in an image. The more pixels, the more detailed the picture is, and the more memory it consumes.

Default image name—Set a default name for the images you are going to take. You can replace the date with your own text (for example, 'Holiday_2004').





Memory in use—Select where to store your images.

Record videos

Press  or  to move between **Image** and **Video** views. Open the **Video** view.




Options before recording a video are **Record**, **New**, **Use front camera**/**Use back camera**, **Activate night mode**/**Deact. night mode**, **Mute/Unmute**, **Go to Gallery**, **Adjust**, **Settings**, **Help**, and **Exit**.

Video recorder indicators show the following:



- The phone memory () and memory card () indicators (1) show where videos are saved.
- The current video length indicator (2) shows elapsed time and time remaining.
- The zoom indicator (3) shows the zoom level. Press  to zoom in on your subject before or during recording. Press  to zoom out.
- The microphone indicator (4) shows that video is being recorded without sound.
- The night mode indicator (5) shows that the night mode is active.






Shortcuts are as follows:

- Press  to activate or deactivate night mode.
- Press  to adjust brightness.
- Press  to adjust contrast.

To make lighting and colour adjustments before taking a picture, select **Options > Adjust > Brightness, Contrast, White balance** (back camera only), or **Colour tone** (back camera only). See "Adjust colour and lighting" on page 44.


Press  to start recording. The record icon  is shown. If you use the back camera to record video, the LED flash blinks indicating to the subject that video is being recorded. There is no flash effect on the resultant video.



To pause recording at any time, press . The pause icon  starts to blink on the display. Press  again to resume recording.

Video recording automatically stops if recording is set to pause and there are no key presses within a minute.

Select **Cancel** to stop recording. The video clip is automatically saved to the **Video clips** folder of **Gallery**. See "Gallery" on page 47.

After a video clip has been recorded:

- To immediately play the video clip you just recorded, select **Options > Play**.
- If you do not want to keep the video, press .

- To return to the viewfinder to record a new video, press .
- To send the image by using **Bluetooth**, **E-mail**, or **Multimedia message**, press . For more information, see the "Messaging" chapter, on page 55 and "Bluetooth connection" on page 95.

Adjust video recorder settings

Select **Options > Settings > Video**, and select the setting you want to change from the following:

Length—If you select **Maximum**, the length of the video recording is restricted by the available space on your memory card, and up to one hour per clip. You cannot send a video clip recorded like this by MMS, due to the recording properties. Select **Short** to record video clips up to 300 kB (approximately 30 seconds in duration) so that they can be conveniently sent as a multimedia message to a compatible device. Some networks, however, may only support sending of multimedia messages with a maximum size of 100kB.


Video resolution—Select 128x96 or 176x144.








Default video name—Define a default name, or select the date.

Memory in use—Define the default memory store, phone memory, or memory card.





Gallery


To store and organise your images, sound clips, playlists, video clips, streaming links, and .ram files, press , and select **Gallery**.

Select **Images** (), **Video clips** (), **Tracks** (), **Sound clip** (), **Link** (), or **All files** (), and press  to open it.


In the **Images** and **Video clips** folders, you can browse, create folders, and mark, copy, and move items to folders. Sound clips, video clips, .ram files, and streaming links are opened and played in the RealPlayer application. See RealPlayer on page 52.

 **Tip:** You can transfer images from the device to a compatible PC with Nokia Phone Browser available in Nokia PC Suite. See the CD-ROM supplied with the device.

Press  to open a file or a folder. Images are opened in the image viewer. See "View images" on page 47.

To copy or move files to the memory card or to phone memory, select a file, and select **Options > Organise > Copy to memory card/Move to memory card** or **Copy to phone mem./Move to phone mem..** Files stored on the memory card are indicated with .



To download files into **Gallery** in one of the main folders using the browser, select **Graphic downls.**


() **Video downls.**, **Track downls.**, or **Sound downls..** The browser opens, and you can select a bookmark from which site to download.


To search for a file, select **Options > Find**. Enter a search string (for example, the name or date of the file you are searching), and start the search. Files that match your search are shown.

View images

Pictures taken with **Camera** are stored in **Gallery**. Images can also be received as e-mail attachments via Multimedia messages, or via a Bluetooth connection. To be able to view a received image in the gallery, you need to save it in the phone memory or on a memory card.

Open the **Image** folder () in **Gallery** to start the image viewer, select an image, and press  to view it.

 Options when viewing an image are **Send, Set as wallpaper, Rotate, Zoom in/Zoom out, Full screen, Delete, Rename, View details, Add to 'Go to', Help, and Exit.**

To zoom an image, select **Options > Zoom in** or **Zoom out**. You can see the zooming ratio at the top of the display. The zooming ratio is not stored permanently. Press and hold  to return the zooming ratio to the normal view.

To see other parts of an image, select **Options > Full screen**. The panes around the image are removed. To move the focus when you are zooming an image or viewing an image in full screen mode, use the scroll key.

To rotate the image, select **Options > Rotate**.

Imaging



Video editor

To create custom video clips, press **F9**, and select **Office > Vid. editor**. To create custom video clips, combine and trim video clips, and add sound clips, transitions, and effects. Transitions are visual effects that you can add in the beginning and end of the video or between the video clips.

Edit video, sound, and transitions

- 1 Mark and select one or more video clips.
- 2 Select **Options > Edit**. In the edit video view, you can insert video clips to make a custom video clip, and edit the clips by trimming and adding effects. You can add sound clips and change their duration.



Tip: To take a snapshot of a video clip, select **Options > Take snapshot** in the play view, edit preview view, or in the cut view.

To modify the video, select one of the following options:

Preview—Previews the custom video clip.

Insert:

- **Video clips**—Inserts the selected video clip. A thumbnail of the video clip is shown in the main view. A thumbnail consists of the first non-black view of the video clip. The name and length of the selected video clip is also shown.
- **Sound clip**—Inserts the selected sound clip. The name and length of the selected sound clip are shown in the main view.
- **New sound clip**—Records a new sound clip to the selected location.

Cut—Trims the video clip or a sound clip in the cut video clip or in the cut sound clip view.

Edit video clip:

- **Move**—Moves the video clip to the selected location.

- **Add colour effect**—Inserts a colour effect on the video clip.
- **Use slow motion**—Slows the speed of the video clip.
- **Mute sound / Unmute sound**—Mutes or unmutes the original video clip sound.
- **Remove**—Removes the video clip from the video.

Edit sound clip:


- **Move**—Moves the sound clip to the selected location.
- **Set duration**—Edits the sound clip length.
- **Remove**—Removes the sound clip from the video.
- **Duplicate**—Makes a copy of the selected video clip or sound clip.

Edit transition—There are three types of transitions: at the start of a video, at the end of a video, and transitions between video clips. A start transition can be selected when the first transition of the video is active.

- 3 Select **Save** to save your video. In **Settings**, define **Memory in use**. The default is the phone memory.



Tip: In the settings view you can define the **Default video name**, **Default sc. shot name**, and **Memory in use**.

Select **Send > Via multimedia**, **Via Bluetooth**, or **Via e-mail** if you want to send the video. Contact your service provider for details of the maximum multimedia message size that you can send. If your video is too large to be sent in a multimedia message,  appears.



Tip: If you want to send a video clip that is over the maximum multimedia message size allowed by your service provider, you can send it using a Bluetooth connection to a recipient who is within the range of Bluetooth technology. See "Send data using a Bluetooth connection" on page 96. You can also transfer your videos using a Bluetooth connection to personal computer using Bluetooth technology, or by using a memory card reader (internal or external).



Image manager

To browse your images visually, press **g**, and select **Office > Image mgr.**

- 1 Press **o** to select: **Phone memory**, or **Memory card**. **Image manager** also shows how many folders or images are in the selected folder.
- 2 Open a folder to browse your images visually. Press **o** and **o** to move between images and folders. Press **o** to view an image. Press **o** and **o** simultaneously to mark images for an image show. A check mark is shown next to a selected image. Select **Options > Image show**. Press **o** and **o** to view the next or previous image in the show.



Image print

Use **Image print** to print your images using USB (PictBridge-compliant), a Bluetooth connection, or your MMC. You can select from a list of available printers displayed in the printer selection view.



Note: To print to a PictBridge-compliant printer, select **Image print** before you connect the USB cable.

Press **g**, and select **Office > Image print**. Select the images you want to print.

Options in the image selection view are **Print**, **Mark/Unmark**, **Open** (displayed when you select an album), **Help**, and **Exit**.

Printer selection

Once you have selected images you want to print, a list of available printing devices is displayed. If you have connected a PictBridge-compliant USB printer using the DKU-2 cable supplied with the device, the printer is automatically displayed.

Select the device you want to use. The print preview screen is displayed.

Print preview

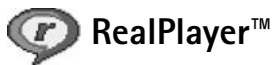
After you select a printing device, the images that you selected are displayed using predefined layouts. To change the layout, use the left and right scroll key to scroll through the available layouts for the selected printer. If you selected more images than will fit on a single page, scroll up or down to display the additional pages.

Options in print preview are **Print**, **Settings**, **Help**, and **Exit**.

Print settings

The available settings options vary depending on the capabilities of the printing device you selected.

To select the paper size, select **Paper size**, select the size of paper from the list, and select **OK**. Select **Cancel** to return to the previous view.



Press **Ⓜ**, and select **RealPlayer**. With **RealPlayer**, you can play video clips, sound clips, and playlists, or stream media files over the air. A streaming link can be activated when you are browsing Web pages, or it can be stored in the phone memory or memory card.

RealPlayer supports .mp4 and .3gp files. However, **RealPlayer** does not necessarily support all file formats or all the variations of file formats. For example, **RealPlayer** will attempt to open all .mp4 files, but some .mp4 files may include content that is not compliant with 3GPP standards and, therefore, is not supported by the device.

Options in **RealPlayer** when a clip is selected are **Play**, **Play in full screen/Continue**, **Continue in full scr./Stop**, **Mute/Unmute**, **Clip details**, **Send**, **Settings**, **Help**, and **Exit**.

Play video or sound clips

- To play a media file stored in phone memory, or on the memory card, select **Options > Open**, and select:
Most recent clips—To play one of the last six files played in **RealPlayer**.
Saved clip—To play a file saved in **Gallery**. See "Gallery" on page 47.
- Scroll to a file, and press **Ⓜ** to play the file.



Tip: To view a video clip in full screen mode, press **Ⓜ**. Press again to change back to normal screen mode.



Icons in **RealPlayer**:



Repeat








Random

-  Repeat and random
-  Mute

Shortcuts during play:

To fast forward media files, press and hold .

To rewind, press and hold .

To mute the sound, press and hold  until the  indicator is displayed. To turn on the sound, press and hold  until you see the  indicator.

Stream content over the air

Many service providers require you to use an Internet access point (IAP) for your default access point. Other service providers allow you to use a WAP access point.

The access points may be configured when you first start the device.

Contact your service provider for more details.



Note: In **RealPlayer**, you can only open an `rtsp://` URL address. However, **RealPlayer** will recognise an http link to a .ram file.

To stream content over the air, select a streaming link saved in **Gallery**, on a Web page, or received in a text message or multimedia message. Before live content begins streaming, the device connects to the site and start loading the content.

Receive RealPlayer settings

You may receive **RealPlayer** settings in a special text message from the network operator or service provider. See "Data and settings" on page 67. For more information, contact your network operator or service provider.

Change the RealPlayer settings

Select **Options > Settings**, and select from the following:

Video—To have **RealPlayer** automatically repeat video clips after they finish playing.

Audio settings—To select if you want to repeat playing of track lists and play sound clips on a track list in random order.

Connection settings—To select whether to use a proxy server, change the default access point, and set the time-outs and port range used when connecting. Contact your service provider for the correct settings.

Proxy settings:

- **Use proxy**—To use a proxy server, select **Yes**.
- **Proxy serv. address**—Enter the IP address of the proxy server.
- **Proxy port number**—Enter the port number of the proxy server.

Glossary: Proxy servers are intermediate servers between media servers and their users. Some service providers use them to provide additional security or speed up access to browser pages that contain sound or video clips.

Network settings:

- **Default access point**—Scroll to the access point you want to use to connect to the Internet, and press **⬇**.

- **Online time**—Set the time for **RealPlayer** to disconnect from the network when you have paused a media clip playing through a network link. Select **User defined** and press **⬇**. Enter the time, and select **OK**.
- **Connection time-out**—Press **⬅** or **➡** to set the maximum time to elapse between selecting a network link and connecting to the media server, and select **OK**.
- **Server time-out**—Press **⬅** or **➡** to set the maximum time to wait for a response from the media server before disconnecting, and select **OK**.
- **Lowest UDP port**—Enter the lowest port number of the servers port range. The minimum value is 6970.
- **Lowest UDP port**—Enter the lowest port number of the servers port range. The maximum value is 32000. Select **Options > Advanced settings** to edit the bandwidth values for different networks.




Messaging



Note: The following functions cannot be used in Japan.

- Creating special text messages containing data
- Receiving Web service messages or cell broadcast messages
- Sending service commands

Press , and select **Messaging**. In **Messaging**, you can create, send, receive, view, edit, and organise text messages, multimedia messages, e-mail messages, and special text messages containing data. You can also receive messages and data through a Bluetooth connection, receive Web service messages, cell broadcast messages, and send service commands.

Options in the **Messaging** main view are **Open**, **New message**, **Connect** (shown if you have defined mailbox settings)/**Disconnect** (shown if a connection to the mailbox is active), **SIM messages**, **Cell broadcast**, **Service commands**, **Settings**, **Help**, and **Exit**.



Note: These functions can only be used if they are supported by your network operator or service provider. Only devices that offer compatible multimedia message, or e-mail features can receive and display these messages. Some networks might provide the recipient device with a Web page link to view multimedia messages.

When you open **Messaging**, you can see the **New message** function and a list of folders:



Inbox—Contains received messages except e-mail and cell broadcast messages. E-mail messages are stored in the **Mailbox**.



My folders—For organising your messages into folders.



Tip: Organise your messages by adding new folders under **My folders**.



Mailbox—In **Mailbox** you can connect to your remote mailbox to retrieve your new e-mail messages or view your previously retrieved e-mail messages offline. See "E-mail" on page 75.



Drafts—Stores draft messages that have not been sent.



Sent—Stores the last 15 messages that have been sent excluding messages sent using a Bluetooth connection. To

change the number of messages to be saved, see "Other Settings" on page 77.





Outbox—A temporary storage place for messages waiting to be sent.




Delivery report—You can request the network to send you a delivery report of the text messages and multimedia messages you have sent (network service). Receiving a delivery report of a multimedia message that has been sent to an e-mail address might not be possible.



Tip: When you have opened any of the default folders, you can switch between the folders by pressing  or .

To enter and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider, select **Options > Service commands** in the main view of **Messaging**.

Cell broadcast is a network service that allows you to receive messages on various topics, such as weather or traffic conditions from your service provider. For available topics and relevant topic numbers, contact your service provider. In the **Messaging** main view, select **Options > Cell broadcast**. In the main view you can see the status of a topic, a topic number, name, and whether it has been flagged () for follow-up.




Options in **Cell broadcast** are **Open**, **Subscribe/Unsubscribe**, **Hotmark/Remove hotmark**, **Topic**, **Settings**, **Help**, and **Exit**.

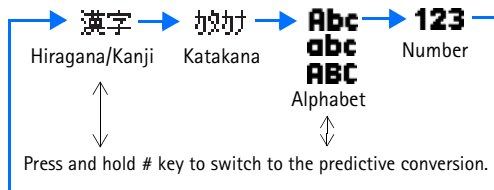
Cell broadcast messages cannot be received in WCDMA networks. A packet data connection may prevent cell broadcast reception.


Entering text



The input mode indicator is displayed at the top right of the text input screen. If you select English in the phone language menu, the input mode is alphabet by default. If you select Japanese, the input mode is Hiragana/Kanji by default. See "Phone settings" on page 103

If you press  # repeatedly when entering text, the input mode changes as shown in the following diagram regardless of the language selected in the phone language menu.


Switching between input modes













In the English text input mode, press  # after waiting for approx. one second, the type of the English text input mode will be changed. See "English traditional text input" described later.

 **Tip:** Alternatively, press  in text input, and select the desired input mode.



Tip: Press , and select **Full width** to key in full-width characters when the text input mode is Katakana, alphabet, or number. The input mode icon for full width is displayed respectively. Select **Half width** to key in half-width characters.

Tips on text input

- To activate or deactivate the predictive input mode, press and hold  # in the alphabet or Hiragana/Kanji mode.
- To delete the character to the left of the cursor, press . Press and hold  to clear more than one character.
- To move the cursor, use the  key.
- To insert a number, press and hold the desired number key.
- Press  +  once to open a list of special characters. Use  to move through the list, and press  to select the desired character.
- Press  +  once to open a list of special characters.






Tip: Alternatively, press  in text input, and select **Insert symbol** or **Insert pictograph**.



Keys and corresponding Hiragana/Kanji and Katakana

Keys	Hiragana/Kanji mode (full width)	Katakana mode (half/full width)	Alphabet mode (half/full width)	Number mode (half/full width)
1 あ@ あ	あいうえお あいうえお	アイウエ アイウエ	Symbols	1
か 2 abc さ	かきくけこ さしすせそ	カキケコ サシセソ	ABCabc	2
3 def	さしすせそ	サシセソ	DEFdef	3
4 ち ghi	たちつてとっ	タチツテトツ	GHIghi	4
な 5 jkl は	なにぬねの	ナニヌネノ	JKLjkl	5
6 mno	はひふへほ	ハヒフホ	MNOmno	6
7 ま pqr s	まみむめも	マミムモ	PQRSpqrs	7
や 8 tuv ら	やゆよやゆよ	ヤユヨ	TUVtuv	8
9 wxyz	らりるれろ	ラリルロ	WXYZwxyz	9
わをん 0	わをん、。！？ Line feed, space	ワヲン、。！？ Line feed, space	Space, linefeed	0
* + 記号	(Voiced sound mark and semi-voiced sound mark) Small Hiragana characters List of symbols and pictographs	(Voiced sound mark and semi- voiced sound mark) Small Katakana characters List of symbols and pictographs	List of symbols and pictographs	List of symbols and pictographs
変換 #	Switching input mode	Switching input mode	Switching input mode	Switching input mode



Japanese predictive text input

Check that  漢字 is displayed at the top right of the text input screen.

 **Tip:** Press  in text input, and select **Japanese predict. on** or **English prediction on** to activate the predictive text input respectively.

- 1 To key in Hiragana characters, press the number keys. A list of predictive conversion candidates is displayed. Candidates are narrowed down as you key in more characters to search for the desired word.
- 2 Use  to move through the list, and press  to select the desired word or phrase.


The device predicts the next word or phrase based on what you entered. The next list of predictive conversion candidates is displayed automatically. If you key in a character, a new list of candidates is displayed.













- To delete the list of candidates, press  or **Cancel**.
- If the word that you want is not in the list, press **Convert**. If further conversion is necessary, press  to display the window of conversion candidates. The counter at the top right of the window shows the number of conversion candidates in the list.

Converted characters are automatically memorised by the list of conversion candidates. Words that you added to the user dictionary or you frequently use appear high in the list

of conversion candidates. To reset the word order that appears in the list to its original value, see "Phone settings" on page 103.


Japanese traditional text input

Check that  漢字 is displayed at the top right of the text input screen.

- 1 To key in Hiragana characters, press the number keys. Press  if conversion is not necessary.
- 2 Press  to convert the highlighted characters. Press  again to display the list of conversion candidates. Press  or  to move through the list, and press  to select the desired character.
 - Highlighted texts are subject to conversion. When the texts are converted, the colour of highlight is changed.
 - If the result of conversion is not correct when converting a phrase, press  or  to change the conversion range,  to convert, and  to confirm the word.
 - If the phrase conversion is done correctly by pressing  once, press and hold  to confirm the whole phrase quickly.

Code input



Characters, symbols, and numbers can be entered using four-digit codes in the "Kuten Code List" on page 135.

- 1 Press , and select **Insert Kuten code**.
- 2 Key in the four-digit code in the "Kuten Code List" on page 135 and press **OK**.



Saving words in User dictionary

You can save words with readings in Hiragana characters to the User dictionary. Saved words are used for character conversion. Key in the reading you saved with the word when you enter texts.


- 1 To add a word to the dictionary, press  and select **Tools > User dict..**
- 2 Select **Options > New word**.
- 3 Key in a word or phrase in the **Word** field.
- 4 Press  to move the cursor to the **Reading** field, and key in the reading in Hiragana characters. There are invalid characters to enter as the first character in the reading field when saving the word, such as small Hiragana characters.



Tip: You can select **Save word** even by pressing .


Options after saving a word: **Open**, **New word**, **Delete**, **Mark/ Unmark**, **Help**, and **Exit**.


English traditional text input

The English text input mode has the following three modes: Pressing  # once while writing text in English changes the type of the English text input mode. The input modes to be displayed differ as follows:

Abc—Beginning upper case mode. After the first letter is input with the upper case, the mode changes to the lower case mode. Also, inputting a period changes to this mode.

abc—Lower case mode. After inputting the first letter, the mode automatically changes to this mode.
















ABC—Upper case mode. After inputting letters in the Beginning upper case mode or Lower case mode, entering  # can change to this mode. Inputting a period can automatically change to the Beginning upper case mode, and inputting a space can automatically change to the Lower case mode.

To switch to the Number mode, press  # twice in sequence while using these English text input modes.

The indicator **Abc** is shown on the top right of the display when you enter text using traditional text input.



- Press a number key (1  @ —  yz 9) repeatedly until the desired character appears. There are more

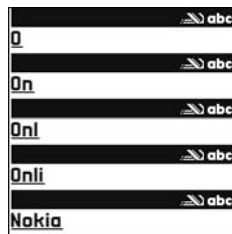
characters available for a number key than are printed on the key.



















- If the next letter is located on the same key as the present one, wait until the cursor appears (or press , and enter the letter.
- The common punctuation marks are available under  . Press   repeatedly to reach the desired punctuation mark.
Press   once to open a list of special characters. Use  to move through the list, and press  to select a character.
- To insert a space, press   or . To move the cursor to the next line, press   twice or press  once.

English predictive text input—English Dictionary









You can enter any letter with a single key press. Predictive text input is based on a built-in English dictionary to which you can also add new words. When the English dictionary becomes full, a new word replaces the oldest added word.

- 1 To activate the English predictive text input, press , and select **English prediction on**. This activates predictive text input for all editors in the device.  is shown on the top right of the display when you enter text using predictive text input.



- 2 To enter the desired word, press the keys   . Press each key only once for one letter. For example, to enter 'Nokia' when the English dictionary is selected, press    for N,    for o,    for k,    for i, and    for a.

The word suggestion changes after each key press.


- 3 When you finish entering the word and it is correct, to confirm it, press , or press   to add a space. If the word is not correct, press  , , or  repeatedly to view the matching words the dictionary has found one by one, or press , and select **English prediction > Matches**.

If the ? character is shown after the word, the word you intended to enter is not in the English dictionary. To add a word to the English dictionary, select **Spell**, enter the word (up to 32 letters) using traditional text

input, and select **OK**. The word is added to the English dictionary. When the English dictionary becomes full, a new word replaces the oldest added word.

- 4 Start entering the next word.







Tip: To set predictive text input on or off, press and hold  **#** in the alphabet mode.


Tips on using predictive text input:





Tip: Predictive text input tries to guess which commonly used punctuation mark (.,?!') is needed. The order and availability of the punctuation marks depend on the language of the dictionary.

The common punctuation marks are available under  . Press  and then  repeatedly to search for the desired punctuation mark.

Press  once to open a list of special characters.

 Press repeatedly to view the matching words the dictionary has found one by one.




Press  , select **English prediction**, and press  to select one of the following options:

Matches—To view a list of words that correspond to your key presses.


Insert word—To add a word (up to 32 letters) to the dictionary by using traditional text input. When the dictionary becomes full, a new word replaces the oldest added word.

Edit word—To edit the word using traditional text input. This is available if the word is active (underlined).





Enter compound words







Enter the first half of an English compound word; to confirm it, press . Enter the last part of the English compound word. To complete the compound word, press   to add a space.

Turn predictive text input off

Press  , and select **English prediction > Off** to turn English predictive text input off for all editors in the device.

Copy text to clipboard

- 1 To select letters and words, press and hold  . At the same time press  or  . As the selection moves, text is highlighted.
- 2 To copy the text to the clipboard, while still holding  , press **Copy**.

- 3 To insert the text into a document, press and hold  and press **Paste**, or press  once and select **Paste**.
To select lines of text, press and hold . At the same time press  or .
- To remove the selected text from the document, press .

Enter and send messages

The appearance of a multimedia message may vary, depending on the receiving device.

Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.



Tip: You can start to create a message from any application that has the **Send** option. Select a file (image or text) to be added to the message, and select **Options > Send**.

Before you can create a multimedia message or write an e-mail, you must have the correct connection settings in place. See "Receive MMS and e-mail settings" on page 66 and "E-mail" on page 75.

Options in the message editor are **Send**, **Add recipient**, **Insert** (e-mail), **Attachments** (e-mail), **Preview** (MMS), **Objects** (MMS), **Remove** (MMS), **Delete**, **Check contacts**, **Message details**, **Sending options**, **Help**, and **Exit**.

- 1 Select **Create message**. A list of message options opens.

Text message—to send a text message.

Multimedia messages—to send a multimedia message (MMS).

E-mail—to send an e-mail. If you have not set up your e-mail account, you are prompted to do so.

- 2 Press to select recipients or groups from contacts, or enter the recipient's phone number or e-mail address. Press to add a semicolon (;) that separates the recipients. You can also copy and paste the number or address from the clipboard.



Tip: Scroll to a contact, and press to mark it. You can mark several recipients at a time.

- 3 Press to move to the message field.

- 4 Write the message.

- 5 To add a media object to a multimedia message, select **Options > Insert object > Image**, **Sound clip**, or **Video clip**. When sound is added, the icon is shown in the navigation bar.

- 6 If you select **Insert new > Sound clip**, **Recorder** opens, and you can record a new sound. Press **select**, and the new sound is automatically saved, and a copy is inserted in the message. Select **Options > Preview** to see what the multimedia message looks like.
- 7 To add an attachment to an e-mail, select **Options > Insert > Image**, **Sound clip**, **Video clips** or **Note**. E-mail attachments are indicated by in the navigation bar.



- 8 To send the message, select **Options > Send**, or press ↵.



Note: The device supports the sending of text messages beyond the normal 160-character limit. If your message exceeds 160 characters, it will be sent as a series of two or more messages and sending may cost you more. In the navigation bar, you can see the message length indicator counting (160 minus number of characters entered). For example, 10 (2) means that you can still add 10 characters for the text to be sent as two messages. Some characters may take more space than others.



Note: E-mail messages are automatically placed in Outbox before sending. If sending does not succeed, the e-mail is left in the Outbox with the Failed status.



Tip: When you send a multimedia message to an e-mail address or a device that supports the receiving of large images, use the larger image size. If you are not sure of the receiving device, or the network does not support sending large files, it is recommended that you use a smaller image size or a sound clip that is no longer than 15 seconds. To change the setting, select **Options > Settings > Multimedia message > Image size** in the **Messaging** main view.



Tip: In **Messaging** you can also create presentations and send them in a multimedia message. In the multimedia message editor view, select **Options > Create presentation** (shown only if **MMS creation mode** is set to **Guided** or **Free**). See "Multimedia messages" on page 73.

Receive MMS and e-mail settings



Note: This function cannot be used in Japan.

You may receive the settings in a text message from your network operator or service provider. See "Data and settings" on page 67.

For availability of and subscription to data services, contact your network operator or service provider. Follow the instructions given by your service provider.

Enter the MMS settings manually:



Note: If there is no information for modifications from Vodafone, do not modify it.

- 1 Select **Tools > Settings > Connection > Access points**, and define the settings for a multimedia message access point. See "Connection settings" on page 106.
- 2 Select **Messaging > Options > Settings > Multimedia message > Access point in use**, and select the access point you created to be used as the preferred connection. See also "Multimedia messages" on page 73.



Tip: To send files other than sounds and notes as attachments, open the appropriate application, and select **Send > Via e-mail**, if available.

Before you can send, receive, retrieve, reply to, and forward e-mail, you must do the following:

- Configure an Internet access point (IAP) correctly. See "Connection settings" on page 106.
- Define your e-mail settings correctly. See "E-mail" on page 75. You need to have a separate e-mail account. Follow the instructions given by your remote mailbox and Internet service provider (ISP).



Inbox—receive messages

Inbox icons:



Unread messages in **Inbox**




Unread text message



Unread multimedia message



Data received through a Bluetooth connection




When you receive a message,  and the text **1 new message** are shown in the standby mode. Press **View** to open the message. To open a message in **Inbox**, scroll to it, and press



Multimedia messages



Important: Multimedia message objects may contain viruses or otherwise be harmful to the device or PC. Do not open any attachment if you are not sure of the trustworthiness of the sender.

In a multimedia message notification mail,  is displayed with !. If a multimedia message is obtained in the device, select **Options > Retrieve** with selecting the notification mail or with the notification mail opened. When you open a multimedia message () , you may see an image and a message, and simultaneously listen to a sound through the loudspeaker ( is shown if sound is included). Click the arrow in the icon to listen to the sound.

To see what kinds of media objects have been included in the multimedia message, open the message, and select **Options > Objects**. You can choose to save a multimedia object file in the device or send it, for example, through a Bluetooth connection to another compatible device.


You may also receive multimedia presentations. You can view these presentations by selecting **Options > Play presentation**.

Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.

Data and settings



Note: This function cannot be used in Japan.

The device can receive many kinds of text messages that contain data () , also called over-the-air (OTA) messages:

Configuration message—You may receive a text message service number, voice mailbox number, Internet access point settings, access point login script settings, or e-mail settings from your network operator, service provider, or company information management department in a configuration message. To save the settings, select **Options > Save all**.

Business card—To save the information to **Contacts**, select **Options > Save business card**. Certificates or sound files attached to the business card are not saved.

Ringing tone—To save the ringing tone, select **Options > Save**.

Operator logo—For the logo to be shown in the standby mode instead of the network operator's own identification, select **Options > Save**.



Tip: To change the default access point settings for multimedia messaging, select **Messaging > Options > Settings > Multimedia message > Access point in use**.

Calendar entry—To save the invitation, select **Options > Save to Calendar**.

Web message—To save the bookmark to the bookmarks list in Web, select **Options > Add to bookmarks**. If the message contains both access point settings and bookmarks, to save the data, select **Options > Save all**.

E-mail notif.—Tells you how many new e-mails you have in your remote mailbox. An extended notification may list more detailed information.



Tip: If you receive a vCard file that has a picture attached, the picture is saved to contacts.

Web service messages



Note: This function cannot be used in Japan.

Web service messages (🌐) are notifications (for example, news headlines) and may contain a text message or a link. For availability and subscription, contact your service provider.



My folders

In **My folders**, you can organise your messages into folders, create new folders, and rename and delete folders.



Tip: You can use texts in the templates folder to avoid rewriting messages that you send often.



Mailbox

Home or company mails can be checked with the device. If you select **Mailbox** and have not set up your e-mail account, you are prompted to do so.

See "E-mail" on page 75 for the settings of an E-mail client. Also, see the E-mail settings on the Nokia homepage www.nokia.co.jp/6680mail (Japanese only).

When you create a new mailbox, the name you give to the mailbox replaces **Mailbox** in the **Messaging** main view. You can have up to six mailboxes.

Open the mailbox

When you open the mailbox, you can choose whether you want to view the previously retrieved e-mail messages and e-mail headings offline or connect to the e-mail server.

When you scroll to your mailbox, and press , the phone asks you if you want to **Connect to mailbox?**

Select **Yes** to connect to your mailbox, and retrieve new e-mail headings or messages. When you view messages online, you are continuously connected to a remote mailbox using a packet data connection. See also "Connection settings" on page 106.

Select **No** to view previously retrieved e-mail messages offline. When you view e-mail messages offline, the device is not connected to the remote mailbox.

Retrieve e-mail messages

If you are offline, select **Options > Connect** to start a connection to a remote mailbox.



Important: E-mail message objects may contain viruses or otherwise be harmful to the device or PC. Do not open any attachment if you are not sure of the trustworthiness of the sender.

- 1 When you have an open connection to a remote mailbox, select **Options > Retrieve e-mail**, and select from the following:

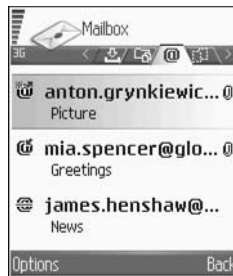
New—To retrieve all new e-mail messages to the device.

Selected—To retrieve only the e-mail messages that have been marked.


All—To retrieve all messages from the mailbox.


To stop retrieving messages, select **Cancel**.


- 2 After you have retrieved the e-mail messages, you can continue viewing them online, or select **Options > Disconnect** to close the connection and view the e-mail messages offline.





E-mail status icons:


 New e-mail (offline or online mode): the content has not been retrieved to the device (arrow outwards).


 New e-mail: the content has been retrieved to the device (arrow inwards).


 The e-mail message has been read.

 The e-mail heading that has been read and the message content has been deleted from the device.

 Unread E-mail: If there are some unread E-mails in the mailbox, the status appears on the screen saver.

 New E-mail: If there are some new E-mails in an E-mail client, the status appears at the top right of the screen.

- 3 To open an e-mail message, press . If the e-mail message has not been retrieved (arrow in the icon is pointing outwards) and you are offline, you are asked if you want to retrieve this message from the mailbox.

To view e-mail attachments, open a message that has the attachment indicator , and select **Options > Attachments**. If the attachment has a dimmed indicator, it has not been retrieved to the phone; select **Options > Retrieve**. In the **Attachment** view, you can retrieve, open, or save attachments. You can also send attachments using a Bluetooth connection.



Tip: If your mailbox uses the IMAP4 protocol, you can define how many messages to retrieve, and whether to retrieve the attachments. With the POP3 protocol, the options are **Headers only**, **Partially (kB)**, or **Msgs. & attachs.**

Delete e-mail messages

To delete the contents of an e-mail message from the device while still retaining it in the remote mailbox, select **Options > Delete msg. from: > Phone only**.

The device mirrors the e-mail headings in the remote mailbox. Although you delete the message content, the e-mail heading stays in the device. If you want to remove the heading as well, you must first delete the e-mail message from your remote mailbox, and then make a connection from the device to the remote mailbox again to update the status.



Tip: To copy an e-mail from the remote mailbox to a folder under **My folders**, select **Options > Copy to folder**, select a folder from the list, and select **OK**.

To delete the contents of an e-mail message from the device and the remote mailbox, select **Options > Delete msg. from: > Phone and server**.

If you are offline, the e-mail is deleted first from the device. During the next connection to the remote mailbox, it is automatically deleted from the remote mailbox. If you are using the POP3 protocol, messages marked to be deleted are removed only after you have closed the connection to the remote mailbox.

To cancel deleting an e-mail from the device and server, scroll to an e-mail that has been marked to be deleted during the next connection (🗑️), and select **Options > Undelete**.

Disconnect from the mailbox

When you are online, select **Options > Disconnect** to end the packet data connection to the remote mailbox.



Tip: You can also leave your mailbox connection open and the new e-mails (**Headers only** as default) will be retrieved from the remote mailbox to the device automatically (only if the IMAP IDLE function is supported by your server). To leave the messaging application open in the background, press **⌘** twice. Leaving the connection open may increase your call costs due to the data traffic.

View e-mail messages when offline

When you open **Mailbox** the next time and you want to view and read the e-mail messages offline, answer **No** to the **Connect to mailbox?** query. You can read the previously retrieved e-mail headings, the retrieved e-mail messages, or both. You can also create a new, reply-to, or forwarding e-mail to be sent the next time the connection is made to the mailbox.



Outbox—messages waiting to be sent

In **Outbox**, A temporary storage place for messages waiting to be sent.

Statuses of the messages in **Outbox** are:

Sending—A connection is being made and the message is being sent.

Waiting/Queued—The message will be sent when previous messages of a similar type have been sent.

Resend at ... (time)—The device will try to send the message again after a time-out period. Press **Send** to restart the sending immediately.

Deferred—You can set documents to be on hold while they are in **Outbox**. Scroll to a message that is being sent, and select **Options > Defer sending**.

Failed—The maximum number of sending attempts has been reached. Sending has failed. If you were trying to send a text message, open the message, and check that the Sending options are correct.



Example: If messages that could not be sent due to the outside network coverage are placed in the Outbox, the device starts to send when it reaches the inside of the network coverage. In the case of E-mail, E-mail messages will be sent when the device connects to the remote mailbox next.

View messages on a SIM card

The device cannot save text messages into a USIM card. Text messages are saved into a USIM card using other cell-phones, and when the USIM card is mounted on the device, the text messages will be displayed by the following operations.

Before you can view SIM messages, you need to copy them to a folder in the device.

- 1 In the **Messaging** main view, select **Options > SIM messages**.
- 2 Select **Options > Mark/Unmark > Mark** or **Mark all** to mark messages.
- 3 Select **Options > Copy**. A list of folders opens.
- 4 Select a folder, and then select **OK** to start copying. Open the folder to view the messages.

Messaging settings

Text messages

Select **Messaging > Options > Settings > Text message**.

Message centres—Lists all the message centres that have been defined.

Msg. centre in use—Select which message centre is used for delivering text messages.

Receive report (network service)—To request the network to send delivery reports on your messages. When set to **No**, only the **Send** status is shown in Log. See "Log" on page 33.

Message validity—If the recipient of a message cannot be reached within the validity period, the message is removed from the message centre. The network must support this feature. **Maximum time** is the maximum amount of time allowed by the network.

Message sent as—Change this option only if you are sure that your message centre is able to convert text messages into these other formats. Contact your network operator.



Note: This function cannot be used in Japan.

Preferred connection—You can send text messages through the normal WDCMA and GSM network or through packet data, if supported by the network. See "Connection settings" on page 106.



Note: If there is no information for modifications from Vodafone, do not modify it.




Reply via same ctr. (network service)—Select **Yes** if you want the reply message to be sent using the same message centre number.



Note: If there is no information for modifications from Vodafone, do not modify it.

Options when editing message centre settings are **Edit**, **New msg. centre**, **Delete**, **Help**, and **Exit**.

Add a new message centre

- 1 Select **Message centres > Options > New msg. centre**.
- 2 Press , enter the message centre name, and select **OK**.
- 3 Press  and , and enter the message centre number. You receive the number from your service provider.
- 4 Select **OK**.
- 5 To use the new settings, go back to the settings view. Scroll to **Msg. centre in use**, and select the new message centre.

Multimedia messages

Select **Messaging > Options > Settings > Multimedia message**.

Image size—Define the size of the image in a multimedia message. Options are **Original** (shown only when the **MMS creation mode** is set to **Guided** or **Free**), **Small**, and **Large**. Select **Original** to increase the size of the multimedia message.

MMS creation mode—If you select **Guided**, the device informs you if you try to send a message that may not be supported by the recipient. Select **Restricted**; the device

prevents you from sending messages that are not supported.

Access point in use (Must be defined)—Select which access point is used as the preferred connection for the multimedia message centre.



Note: If there is no information for modifications from Vodafone, do not modify it.

Recept. in home net.—Select whether you want the reception of the MMS messages in the home network to be (**Automatic**, **Manual**, or **Off**). If you select **Manual**, the multimedia messaging centre saves the message. Messages received while setting **Manual** can be received later by selecting **Automatic**.

Reception if roaming—Select how you want the MMS messages to be retrieved outside the home network. When you are outside your home network, sending and receiving multimedia messages may cost you more. If **Reception if roaming > Automatic** is selected, the device automatically makes an active packet data connection to retrieve the message. Select **Reception if roaming > Off** if you do not want to receive multimedia messages when you are outside your home network.

Allow anon. messages—Select **No** if you want to reject messages coming from an anonymous sender.



Note: This function cannot be used in Japan.

Receive adverts—Define whether you want to receive multimedia message advertisements or not.



Note: This function cannot be used in Japan.

Receive report (network service)—Select **Yes** if you want the status of the sent message to be shown in the Log.



Note: Receiving a delivery report of a multimedia message that has been sent to an e-mail address might not be possible.

Deny report sending—Select **Yes** if you do not want the device to send delivery reports of received multimedia messages.

Message validity—If the recipient of a message cannot be reached within the validity period, the message is removed from the multimedia message centre. The network must support this feature. **Maximum time** is the maximum amount of time allowed by the network.



Tip: You may also obtain the multimedia and e-mail settings from your service provider through an OTA message. Contact your service provider for more details. See "Data and settings" on page 67.

E-mail

Select **Messaging > Options > Settings > E-mail**, or in the mailbox main view, select **Options > E-mail settings** and from the following:

Mailbox in use—Select which mailbox you want to use for sending e-mail.

Mailboxes—Opens a list of mailboxes that have been defined. If no mailboxes have been defined, you are prompted to do so. Select a mailbox to change the settings:

Mailbox settings

Mailbox name—Enter a descriptive name for the mailbox.

Access point in use (Must be defined)—Select an Internet access point (IAP) for the mailbox. See "Connection settings" on page 106.

My e-mail address (Must be defined)—Enter the e-mail address given to you by your service provider. Replies to your messages are sent to this address.

Outgoing mail server (Must be defined)—Enter the IP address or host name of the mail server that sends your e-mail. You may only be able to use the outgoing server of your network operator. Contact your service provider for more details.

Send message—Define how e-mail is sent from the device. Select **Immediately** for the device to connect to the mailbox when you select **Send message**. Select **During next conn.**—E-mail is sent when the connection to the remote mailbox is available.

User name—Enter your user name, given to you by your service provider.

Password—Enter your password. If you leave this field blank, you are prompted for the password when you try to connect to your remote mailbox.

Incoming mail server (Must be defined)—Enter the IP address or host name of the mail server that sends your e-mail.

Mailbox type—Defines the e-mail protocol that your remote mailbox service provider recommends. The options are **POP3** and **IMAP4**. This setting can be selected only once and cannot be changed if you have saved or exited from the mailbox settings. If you are using the POP3 protocol, e-mail messages are not updated automatically in online mode. To see the latest e-mail messages, you must disconnect and make a new connection to your mailbox.

Security (ports)—Used with the POP3, IMAP4, and SMTP protocols to secure the connection to the remote mailbox.

APOP secure login (not shown if IMAP4 is selected for **Mailbox type**)—Used with the POP3 protocol to encrypt the sending of passwords to the remote e-mail server while connecting to the mailbox.

User settings

E-mails to retrieve (not shown if the e-mail protocol is set to POP3)—Define how many new e-mails are retrieved to mailbox.

Retrieve—Define which parts of the e-mails are retrieved: **Headers only**, **Partially (kB)**, **Msgs. & attaches**. (not shown if the e-mail protocol is set to IMAP4).

Retrieve attachments (not shown if the e-mail protocol is set to POP3)—Select whether you want to retrieve e-mail with or without attachments.


Subscribed folders (not shown if the e-mail protocol is set to POP3)—You can subscribe other folders in remote mailbox as well and retrieve content from those folders.

Send copy to self—Select **Yes** to save a copy of the e-mail to your remote mailbox and to the address defined in **My e-mail address**.

Include signature—Select **Yes** if you want to attach a signature to your e-mail messages.

My name—Enter your own name here. Your name replaces your e-mail address in the recipient's phone when the recipient's phone supports this function.

Automatic retrieval

Retrieve headers—When this function is on, messages are retrieved automatically with  displayed on the right side of the mailbox name. You can define when, and how often, the messages are retrieved. Your call costs may increase due to the data traffic.

Web service messages

Select **Messaging > Options > Settings > Service message**. Choose whether you want to receive service messages. If you want to set the phone to automatically activate the browser and start a network connection to retrieve content when the phone receives a service message, select **Download messages > Automatically**.

Cell broadcast

Check the available topics and related topic numbers with your service provider, and select **Messaging > Options > Settings > Cell broadcast** to change the settings.

Language—All allows you to receive cell broadcast messages in all supported languages. **Selected** allows you to choose in which languages you wish to receive cell broadcast messages. If you cannot find the desired language, select **Other**.

Topic detection—If you have set **Topic detection > On**, the device automatically searches for new topic numbers, and saves the new numbers without a name to the topic list. Select **Off** if you do not want to save new topic numbers automatically.

Other Settings

Select **Messaging > Options > Settings > Other**.

Save sent messages—Choose if you want to save a copy of every text message, multimedia message, or e-mail that you have sent to the **Sent** folder.

No. of saved msgs.—Define how many sent messages are saved to the **Sent** folder at a time. The default limit is 20 messages. When the limit is reached, the oldest message is deleted.

Memory in use—Choose which memory to where you want to save your messages: **Phone memory** or **Memory card**.



Tip: If **Memory card** is selected, activate the offline profile before opening the memory card slot door or removing the memory card. When the memory card is not available, messages are saved in the phone memory.

New e-mail alerts—Choose whether you want to see the new e-mail indications, a tone, or a note when new mail is received to the mailbox.

Calendar



Shortcut: Press any key (1 ㊦ — ㊦㊦㊦) in any calendar view. A meeting entry opens, and the characters you enter are added to the **Subject** field.



Create calendar entries.

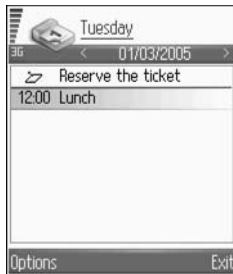
- 1 Press **㊦**, select **Office > Calendar > Options > New entry**, and select from the following:

Meeting—To remind you of an appointment that has a specific date and time.

Memo—To create a general entry for a day.

Anniversary—To remind you of birthdays or special dates. Anniversary entries are repeated every year.

- 2 Fill in the fields. Use **⬅** to move between fields.



Alarm (Meeting, Anniversary)—Select **On**, press **⬅**, and enter the **Alarm time** field and the **Alarm date** field. **⬅** in the day view indicates an alarm. To stop a calendar alarm, select **Silence** to turn off the calendar alarm tone. The reminder text stays on the screen. Select **Stop** to end the calendar alarm. Select **Snooze** to set the alarm to snooze.

Repeat—Press **⬅** to change the entry to be repeating (**⬅** is shown in the day view). This option is shown in a meeting entry.

Repeat until—You can set an end date for the repeated entry.

Sync: When you press **⬅**, you can see the following:

Private—After synchronisation the calendar entry can be seen only by you. It will not be shown to others with online access to view the calendar.

Public—The calendar entry is shown to others who have access to view your calendar online.

None—The calendar entry will not be copied to your PC when you synchronise.

- 3 To save the entry, select **OK**.



Tip: To send a calendar note to a compatible phone, select **Options > Send > Text msg.**, **Multimedia message**, or **Bluetooth**.

Calendar views



Tip: Select **Options > Settings** to change the view that is shown when you open the calendar or the starting day of the week.

In the month view, dates that have calendar entries are marked with a small triangle at the right bottom corner. In the week view, memos and anniversaries are placed before 8 o'clock.

Icons in the day and week views:



Memo



Anniversary

There is no icon for **Meeting**.

- To go to a certain date, select **Options > Go to date**, enter the date, and select **OK**.
- Press **日 #** to jump to today.
- When the language of the device is set to Japanese, if you change the calendar setting so that the week begins on Monday, the week numbers are displayed in the month view.



Tip: You can move calendar and to-do data from many different Nokia phones to your phone or synchronise your calendar and to-do to a compatible PC using Nokia PC Suite. See the CD-ROM supplied with the device.

Set a calendar alarm

You can set an alarm to remind you of a meeting. This option is not available for memos.

- 1 Open an entry in which you want to set an alarm, and select **Alarm > On**.
- 2 Select **Alarm time** and **Alarm date**.
- 3 Scroll down to **Repeat**, and press **○** to select how often you want the alarm to be repeated. **○** is shown on the right side for entries for which repeat has been set.
- 4 Select **OK**.

To delete a calendar alarm, open the entry in which you want to delete an alarm, and select **Alarm > Off**.

Remove calendar entries

Removing past entries in **Calendar** saves space in your device memory.


To remove more than one event at a time, go to the Month view, select **Options > Delete entry**, and select one of the following:

- **Before date**—Deletes all calendar entries that take place before a certain date you define.
- **All entries**—Deletes all calendar entries.

Calendar settings




To modify the **Calendar alarm tone**, **Default view**, **Week starts on**, and **Week view title**, select **Options > Settings**. If you have changed the calendar settings so that the week begins on Monday, **Week view title** will be shown.



Various service providers maintain pages specifically designed for mobile devices. To access these pages, press , and select **Office > Web**. These pages use the wireless markup language (WML), extensible hypertext markup language (XHTML), or hypertext markup language (HTML).

Check the availability of services, pricing, and tariffs with your network operator or service provider. Service providers will also give you instructions on how to use their services.



Shortcut: To start a connection, press and hold    in the standby mode.

Access the Web

- Save the settings that are needed to access the Web page that you want to use. See the sections "Receive browser settings" on page 81 or "Enter the settings manually" on page 81.
- Make a connection to the Web. See "Make a connection" on page 83.
- Start browsing the pages. See "View pages" on page 83.
- End the connection to the Web. See "End a connection" on page 86.

Receive browser settings



Note: This function cannot be used in Japan.



Tip: Settings may be available on the Web site of a network operator or service provider.

You may receive Web service settings in a special text message from the network operator or service provider that offers the Web page. See "Data and settings" on page 67. For more information, contact your network operator or service provider.

Enter the settings manually

Follow the instructions given by your service provider.

- 1 Select **Tools > Settings > Connection > Access points**, and define the settings for an access point. See "Connection settings" on page 106.
- 2 Select **Web > Options > Bookmark manager > Add bookmark**. Enter a name for the bookmark and the address of the page defined for the current access point.

Bookmark



Glossary: A bookmark consists of an Internet address (mandatory), bookmark title, and an access point. Some Web pages also require a user name and password.

Options in bookmark are [Open](#), [Download](#), [Back to page](#), [Bookmark manager](#), [Mark/Unmark](#), [Navigation options](#), [Advanced options](#), [Send](#), [Find bookmark](#), [Details](#), [Settings](#), [Help](#), and [Exit](#).



Note: The device may have some bookmarks loaded for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose to access them, you should take the same precautions, for security or content, as you would with any Internet site.

Icons in the bookmark view:



The starting page defined for the default access point. If you use another default access point for browsing, the starting page is changed accordingly.



The automatic bookmarks folder contains bookmarks (🔍) that are collected automatically when you browse pages. The bookmarks in this folder are automatically organised according to domain.



Any bookmark showing the title or Internet address of the bookmark.

Add bookmarks manually


- 1 In the bookmark view, select [Options > Bookmark manager > Add bookmark](#).
- 2 Start to fill in the fields. Only the URL address must be defined. The default access point is assigned to the bookmark if no other one is selected. Press * + 📶 to enter special characters such as /, ., :, and @. Press C to clear characters.
- 3 Select [Options > Save](#) to save the bookmark.

Send bookmarks


Scroll to a bookmark, and select [Options > Send > Via text message](#). Press ↵ to send. It is possible to send more than one bookmark at the same time.

Make a connection


Once you have stored all the required connection settings, you can access the pages.

- 1 Select a bookmark or enter the address in the field (🌐). When you enter the address, matching bookmarks are shown above the field. Press  to select a matching bookmark.

Options when browsing (depending on the page you are viewing) are [Open](#), [Accept](#), [Remove file](#), [Open in viewer](#), [Open Wallet](#), [Service options](#), [Bookmarks](#), [Save as bookmark](#), [Show images](#), [Navigation options](#), [Advanced options](#), [Show images](#), [Send bookmark](#), [Find](#), [Details](#), [Settings](#), [Help](#), and [Exit](#).

- 2 Press  to start to download the page.

Connection security

If the security indicator  is displayed during a connection, the data transmission between the device and the Internet gateway or server is encrypted.


The security icon does not indicate that the data transmission between the gateway and the content server (or place where the requested resource is stored) is secure. The service provider secures the data transmission between the gateway and the content server.

Select [Options > Details > Security](#) to view details about the connection, encryptions status, and information about server and user authentication.

Security features may be required for some services, such as banking services. For such connections you need security certificates. Contact your service provider for more details. See also "Certificate management" on page 111.

View pages

On a browser page, new links appear underlined in blue and previously visited links in purple. Images that act as links have a blue border around them.


To open a link, to check boxes, and make selections, press .


To go to the previous page while browsing, select [Back](#). If [Back](#) is not available, select [Options > Navigation options > History](#) to view a chronological list of the pages you have visited during a browsing session. The history list is cleared each time a session is closed.

To retrieve the latest content from the server, select [Options > Navigation options > Reload](#).

To save a bookmark, select [Options > Save as bookmark](#).



Tip: To access the bookmarks view while browsing, press and hold down . To return to the browser view again, select **Options > Back to page**.



To save a page while browsing, select **Options > Advanced options > Save page**. You can save pages either to the phone memory or on a memory card, and browse them when offline. To access the pages later, press  in the bookmarks view to open the **Saved pages** view.

To enter a new URL address, select **Options > Navigation options > Go to web address**.

To open a sub-list of commands or actions for the currently open page, select **Options > Service options**.

You can download items such as ringing tones, images, operator logos, themes, and video clips. Downloaded items are handled by the respective applications in the device, for example, a downloaded image is saved in **Gallery**.



Shortcut: Use  # to jump to the end of a page and * +  to the beginning of a page.


Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.



Important: Only install software from sources that offer adequate protection against harmful software.

To download and view new Web service messages while browsing, select **Options > Advanced options > Read service msgs**. (shown only if there are new messages). See also "Web service messages" on page 68.






Tip: Your browser collects bookmarks automatically while you are browsing Web pages. The bookmarks are stored to the automatic bookmarks folder () and automatically organised according to domain. See also "Web settings" on page 86.

View saved pages

If you regularly browse pages containing information which does not change very often, you can save and browse them when offline. In the saved pages view you can also create folders to store your saved browser pages.

Options in the saved pages view are [Open](#), [Back to page](#), [Reload](#), [Saved pages](#), [Mark/Unmark](#), [Navigation options](#), [Advanced options](#), [Details](#), [Settings](#), [Help](#), and [Exit](#).

To open the saved pages view, press  in the bookmarks view. In the saved pages view, press  to open a saved page (.

To save a page while browsing, select [Options > Advanced options > Save page](#).


To start a connection to the browser service and to download the latest version of the page, select [Options > Navigation options > Reload](#). The device stays online after you reload the page.

Download and purchase items

You can download items such as ringing tones, images, operator logos, themes, and video clips. These items can be provided free, or you can purchase them. Downloaded items are handled by the respective applications in the device, for example, a downloaded photo is saved in [Gallery](#).




Important: Only install applications from sources that offer adequate protection against harmful software.

- 1 To download the item, scroll to the link, and press . If the item is provided free, select [Accept](#). Once downloaded, the content is automatically opened in a suitable application. To cancel the download, select [Cancel](#).
- 2 Select the appropriate option to purchase the item, for example, 'Buy'.
- 3 Carefully read all the information provided. If the online content is compatible, you can use your wallet information to make the purchase.
- 4 Select [Open Wallet](#). You are prompted for your wallet code. See "Create a wallet code" on page 92.
- 5 Select the appropriate card category from your wallet.
- 6 Select [Fill in](#). This uploads the selected wallet information. If the wallet does not contain all information necessary for the purchase, you are requested to enter the remaining details manually.



Note: Copyright protections may prevent some images, ringtones and other content from being copied, modified, transferred, or forwarded.

End a connection

Select **Options > Advanced options > Disconnect**, or press and hold  to quit browsing and to return to the standby mode.

Empty the cache


The information or services you have accessed are stored in the cache memory of the device.



Note: A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed are stored in the cache memory of the device. To empty the cache, select **Options > Navigation options > Clear cache**.

Web settings

Select **Options > Settings**, and then select from the following:

Default access point—To change the default access point, press  to open a list of available access points. See "Connection settings" on page 106.

View image—To select if you want to load images while browsing or not. If you select **No**, to load images later during browsing, select **Options > Show images**.

Font size—To choose the text size.

Default encoding—If text characters are not shown correctly, you may choose another encoding according to language.


Auto. bookmarks—To disable automatic bookmark collecting, select **Off**. If you want to continue collecting automatic bookmarks but hide the folder from the bookmarks view, select **Hide folder**.

Screen size—To select what is shown when you are browsing. Select **Normal screen** or **Full screen**.

Search page—To define a Web page that is downloaded when you select **Navigation options > Open search page** in the bookmarks view, or when browsing.

Volume—If you want the browser to play sounds embedded on Web pages, select a volume level.

Rendering—If you want the page layout shown as accurately as possible when in **Small screen** mode, select **Image quality**. If you do not want external cascading style sheets to be downloaded, select **Speed**.

Cookies—To enable or disable the receiving and sending of cookies. To delete cookies, press , and select **Office > Web > Options > Advanced options > Delete cookies**.



Glossary: Cookies are a means of content providers to identify users and their preferences for frequently used content.

Java/ECMA script—To enable or disable the use of scripts.

Security warnings—To hide or show security notifications.

Sending serial no.—To send the serial number of a phone as your user ID when a request comes from the network service, select **On**.

Sending Conf. DTMF—Choose whether you want to confirm before the device sends DTMF during a voice call. See also "Options during a voice call" on page 32.

Wallet > On—To open the wallet automatically when a compatible browser page is opened. See "Wallet" on page 91.

Office



Calculator

To add, subtract, multiply, divide, calculate square roots and percentages, press , and select **Office > Calculator**.



Note: This calculator has limited accuracy and is designed for simple calculations.

To save a number in the memory (indicated by **M**), select **Options > Memory > Save**. To retrieve a number in memory, select **Options > Memory > Recall**. To clear a number in memory, select **Options > Memory > Clear**.

Calculate percentages

- 1 Enter a number for which you want to calculate a percentage.
- 2 Select , , , or .
- 3 Enter the percentage.
- 4 Select .



Converter

To convert measures such as **Length** from one unit (**Yards**) to another (**Metres**), press , and select **Office > Converter**.

Options in **Converter** are **Select unit/Change currency**, **Conversion type**, **Currency rates**, **Help**, and **Exit**.

Note that **Converter** has limited accuracy, and rounding errors may occur.

- 1 Scroll to the **Type** field, and press to open a list of measures. Scroll to the measure you want to use, and select **OK**.
- 2 Scroll to the first **Unit** field, and press . Select the unit from which you want to convert, and select **OK**. Scroll to the next **Unit** field, and select the unit to which you want to convert.
- 3 Scroll to the first **Amount** field, and enter the value you want to convert. The other **Amount** field changes automatically to show the converted value.
Press # to add a decimal and for the +, - (for temperature), and **E** (exponent) symbols.

Set base currency and exchange rates



Tip: To change the conversion order, enter the value in the second **Amount** field. The result is shown in the first **Amount** field.

Before you can make currency conversions, you need to choose a base currency and add exchange rates. The rate of the base currency is always 1. The base currency determines the conversion rates of the other currencies.

- 1 Select **Converter > Options > Currency rates**. A list of currencies opens, and you can see the current base currency at the top.
- 2 To change the base currency, scroll to the currency, and select **Options > Set as base curr..**



Tip: To rename a currency, go to the currency rates view, scroll to the currency, and select **Options > Rename currency**.

- 3 Add exchange rates. Scroll to the currency, and enter a new rate, that is, how many units of the currency equal one unit of the base currency you have selected.

After you have inserted all the necessary exchange rates, you can make currency conversions.




Note: When you change base currency, you must enter the new rates because all previously set exchange rates are set to zero.






To-do

Create a task list

Press , and select **Office > To-do** to enter notes and maintain a task list.

To add a note, press any key to start to write the task in the **Subject** field.

To set the due date for the task, scroll to the **Due date** field, and enter a date.

To set the priority for the **To-do** note, scroll to the **Priority** field, and press  to select the priority. The priority icons are  (**High**) and  (**Low**). There is no icon for **Normal**.

To mark a task as completed, scroll to it in the **To-do** list, and select **Options > Mark as done**.

To restore a task, scroll to it in the **To-do** list, and select **Options > Mark as not done**.



Notes

Press , and select **Office > Notes** to enter notes. You can send notes to other compatible devices and save plain text files (TXT format) that you receive to **Notes**.



Recorder

Press , and select **Office > Recorder** to record telephone conversations and voice memos. If you are recording a telephone conversation, both parties hear a tone every 5 seconds during recording.




Shortcut wallet




Shortcut

Add shortcuts


Examples of shortcuts:

-  Opens [Calendar](#).
-  Opens [Inbox](#).
-  Opens [Notes](#).

To store shortcuts (links to your favourite images, notes, bookmarks, and so on), press , and select [Go to](#). Shortcuts are added only from the individual applications, for example [Gallery](#). Not all applications have this function.

- 1 Select an item from an application to which you want to add a shortcut.
- 2 Select [Add to 'Go to'](#). A shortcut in [Go to](#) is automatically updated if you move the item to which it is pointing (for example, from one folder to another).
To change the identifier in the lower left corner of the shortcut icon, select [Options > Shortcut icon](#).


Delete a shortcut

Select the shortcut, and press . Default shortcuts cannot be deleted.

When you remove an application or a document that has a shortcut added in [Go to](#), the shortcut icon of the removed item is dimmed in the [Go to](#) view. The shortcut can be deleted next time you start [Go to](#).



Wallet

Press , and select [Office > Wallet](#). [Wallet](#) provides you with a storage area for your personal information, such as credit and debit card numbers, addresses, and other useful data (for example, user names and passwords).

The information stored in [Wallet](#) can be retrieved while browsing to automatically fill in online forms on browser pages (for example, when the service asks for credit card details). Data in [Wallet](#) is encrypted and protected with a wallet code that you define.

[Wallet](#) automatically closes after 5 minutes. Enter the wallet code to regain access to the contents. You can

change this automatic time-out period if required. See "Wallet settings" on page 94.

Options in the **Wallet** main view are **Open**, **Settings**, **Help**, and **Exit**.

Create a wallet code

Each time you open **Wallet**, you are prompted for a wallet code. Enter the code that you have created, and select **OK**.



When you open **Wallet** for the first time, you must create your own wallet code:

- 1 Enter a code of your choice (4–10 alphanumeric characters), and select **OK**.
- 2 You are prompted to verify the code. Enter the same code, and select **OK**. Do not give your wallet code to anyone else.

If you enter the wallet code incorrectly on three consecutive occasions, **Wallet** is blocked for 5 minutes. The block time increases if further incorrect wallet codes are entered.

If you forget your wallet code, you must reset the code, and you will lose all information stored in **Wallet**. See "Reset the wallet and wallet code" on page 94.

Store personal card details







- 1 Select the **Cards** category from the main **Wallet** menu, and press .
- 2 Select a type of card from the list, and press .
 - Payment card**—Credit and debit cards
 - Loyalty cards**—Membership and store cards.
 - Online access cards**—Personal user names and passwords to online services.
 - Address cards**—Basic contact details for home or the office.
 - User info cards**—Customised personal preferences for online services
- 3 Select **Options > New card**. An empty form opens.
- 4 Fill in the fields, and select **OK**.

You can also receive card information directly to the device from a card issuer or service provider (if they offer this service). You will be notified which category the card belongs to. Save or discard the card. You can view and rename a saved card, but you cannot edit it.

You can open, edit, or delete the fields in the card. Any changes will be saved upon exiting.


Create personal notes

Personal notes are a means of storing sensitive information, for example, a bank account number. You can access the data in a personal note from the browser. You can also send the note as a message.

- 1 Select the **Personal notes** category from the main **Wallet** menu, and press .
- 2 Select **Options > New note**. An empty note opens.
- 3 Press **1**     to start writing. Press  to clear characters.
- 4 Select **OK** to save.

Create a wallet profile

Once you have stored your personal details, you can combine them into a wallet profile. You can use a wallet profile to retrieve wallet data from different cards and categories to the browser, for example, when you are filling in a form.

- 1 Select the **Wallet profiles** category from the main wallet menu, and press .
- 2 Select **Options > New profile**. A new wallet profile form opens.
- 3 Fill in the fields or select an option from the listed items:

Profile name—Choose and enter a name for the profile.

Payment card—Select a card from the list.

Loyalty cards—Select a card from the list.

Online access card—Select a card from the list.

Shipping address—Select an address from the list.

Billing address—By default, this is the same as the shipping address. If you require a different address, select one from the address card category.

User info card—Select a card from the list.

Receive e-receipt—Select a destination from the list.

Deliver e-receipt—Select **Phone**, **E-mail**, or **To pho. & e-mail**.

RFID sending—Set to **On** or **Off**. Defines whether or not your unique phone identification is sent with the wallet profile.


- 4 Select **OK**.



Example: By uploading your payment card details you do not need to enter the card number and expiry date each time you need them (depending on the content being browsed). Also, you can retrieve your user name and password stored as an access card when connecting to a mobile service that requires authentication.

View ticket details

You can receive notifications of tickets purchased online through the browser. Received notifications are stored in the wallet. To view the notifications:

- 1 Select the **Tickets** category from the main **Wallet** menu, and press .
- 2 Select **Options > View**. None of the fields within the notification can be modified.

Wallet settings

From the main **Wallet** menu, select **Options > Settings**, and select one of the following:

Wallet code—Change your wallet code. You are prompted to enter the current code, create a new code, and verify the new code.

RFID—Set the phone ID code, type, and sending options.

Automatic close—Change the automatic time-out period (1–60 minutes). After the time-out period has elapsed, the wallet code must be re-entered to gain access to the contents.

Reset the wallet and wallet code

This operation erases all contents of **Wallet**.

To reset both the contents of **Wallet** and the wallet code:

Enter ***#7370925538#** in the standby mode.

Enter the code of the device, and select **OK**. See "Security" on page 109.

When opening **Wallet** again, you must enter a new wallet code. See "Create a wallet code" on page 92.

Connectivity



Bluetooth connection

Bluetooth technology enables wireless connections to send images, video clips, music and sound clips, and notes, or to connect wirelessly to compatible devices with Bluetooth technology such as computers. Since devices with Bluetooth technology communicate using radio waves, the device and the other device do not need to be in direct line-of-sight. The two devices only need to be within a maximum of 10 metres of each other, although the connection can be subject to interference from obstructions such as walls or from other electronic devices.

The device is compliant with Bluetooth Specification 1.1 supporting the following profiles: Generic Access Profile, Serial Port Profile, Dial-up Networking Profile, Headset Profile, Handsfree Profile, Generic Object Exchange Profile, Object Push Profile, File Transfer Profile, and Basic Imaging Profile. To ensure interoperability between other devices with Bluetooth technology, use Nokia approved enhancements for this model. Check with the manufacturers of other devices to determine their compatibility with the device.

There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or service provider.

Features that use Bluetooth technology, or allow such features to run in the background while using other features, increase the demand on battery power and reduces the battery life.

Bluetooth connection settings

Press , and select **Connect. > Bluetooth**.

Enter the following:

Bluetooth—Set to **On** or **Off**.

My phone's visibility > Shown to all—The device can be found by other devices with Bluetooth technology.

Hidden—The device cannot be found by other devices.

My phone's name—Define a name for the device. After you have set a Bluetooth connection to On and changed **My phone's visibility** to **Shown to all**, the device and this name can be seen by other users with devices using Bluetooth technology.

Send data using a Bluetooth connection

There can be only one active Bluetooth connection at a time.

- 1 Open an application where the item you wish to send is stored. For example, to send an image to another compatible device, open [Gallery](#).
- 2 Select the item, for example, an image, and select [Options > Send > Bluetooth](#).



Tip: When searching for devices, some devices may show only the unique addresses (device addresses). To find the unique address of the device, enter the code ***#2820#** in the standby mode.

The device starts to search for devices within range. Devices with Bluetooth technology that are within range start to appear on the display one by one. You can see a device icon, the name of the device, the device type, or a short name.



Tip: If you have searched for devices earlier, a list of the devices that were found previously is shown first. To start a new search, select [More devices](#). If you switch off the device, the list is cleared.

To interrupt the search, press [Stop](#). The device list freezes, and you can start to form a connection to one of the devices already found.

- 3 Select the device with which you want to connect.
- 4 If the other device requires pairing before data can be transmitted, a tone sounds and you are asked to enter a passcode.

Create your own passcode (1–16 digits), and agree with the owner of the other device to use the same code. The passcode is used only once.



Tip: To send text using a Bluetooth connection (instead of text messages), go to [Notes](#), enter the text, and select [Options > Send > Bluetooth](#).






After pairing, the device is saved to the paired devices view.

Glossary: Pairing means authentication. The users of the devices with Bluetooth technology should agree what the passcode is and use the same passcode for both devices in order to pair them. Devices that do not have a user interface have a factory-set passcode.




When the connection has been established, the note **Sending data** is shown.

The **Sent** folder in **Messaging** does not store messages sent using a Bluetooth connection.


Icons for different devices:




-  Computer
-  Phone
-  Audio or video
-  Headset
-  Other

Checking the status of the Bluetooth connection

- When  is shown in the standby mode, a Bluetooth connection is active.
- When  is blinking, the device is trying to connect to the other device.
- When  is shown continuously, the Bluetooth connection is active.

Pair devices

 **Tip:** To define a short name (nickname or alias), scroll to the device and select **Options > Assign short name** in the paired devices view. This name helps you to recognise a certain device during device search or when a device requests a connection.

Paired devices are easier to recognise; they are indicated by  in the device search. In the **Bluetooth** main view, press  to open the paired devices view ().


To pair with a device, select **Options > New paired device**. The device starts a device search. Select the device. Exchange passcodes. See step 4 in "Send data using a Bluetooth connection" on page 96.

To cancel a pairing, scroll to the device, and select **Options > Delete**. If you want to cancel all pairings, select **Options > Delete all**.





Tip: If you are currently connected to a device and delete the pairing with that device, pairing is removed immediately, but the connection remains active.

To set a device to be authorised or unauthorised, scroll to a device, and select from the following options:

Set as authorised—Connections between the device and this device can be made without your knowledge. No separate acceptance or authorisation is needed. Use this status for your own devices, such as your compatible headset or PC, or devices that belong to someone you trust.  means devices that the auto-connection is set.

Set as unauthorised—Connection requests from this device must be accepted separately every time.

Receive data using a Bluetooth connection

When you receive data using a Bluetooth connection, a tone sounds, and you are asked if you want to accept the message. If you accept,  is shown on the top of the screen, and the item is placed in the **Inbox** folder in **Messaging**. Messages received using a Bluetooth connection are indicated by . See "Inbox—receive messages" on page 66.

Switch off Bluetooth connectivity

To switch off Bluetooth connectivity, select **Bluetooth > Off**.

PC connectivity

You can use the device with a variety of PC connectivity and data communications applications. With Nokia PC Suite you can, for example, synchronise contacts, calendar and To-do notes between the device and a compatible PC. For further information on how to install Nokia PC Suite (compatible with Windows 2000 and Windows XP), see the User Guide for Nokia PC Suite and the Nokia PC Suite help in the 'Install' section on the CD-ROM.

CD-ROM


The CD-ROM should launch after you have inserted it into the CD-ROM drive of a compatible PC. If not, open Windows Explorer, right-click the CD-ROM drive into which you inserted the CD-ROM, and select Autoplay.


The device as a modem

You can use the device as a modem to send and receive e-mail, or to connect to the Internet with a compatible PC by using a Bluetooth connection or a data cable. Detailed installation instructions can be found in the User Guide for Nokia PC Suite in Modem options on the CD-ROM.



Connection manager

You may have multiple data connections active at the same time when you are using the device in GSM and WCDMA networks. Press , and select **Connectivity > Conn.mgr.** to view the status of multiple data connections, view details on the amount of data sent and received, and end connections. When you open **Conn.mgr.**, you can see the following:

- Open data connections:  is shown for data calls.
- The status of each connection
- The amount of data uploaded and downloaded for each connection (shown for packet data connections only)
- The duration of each connection (shown for data calls only)




Note: The actual time invoiced for calls by your service provider may vary, depending on network features, rounding off for billing, and so forth.

To end a connection, scroll to a connection, and select **Options > Disconnect**.

To close all currently open connections, select **Options > Disconnect all**.

View data connection details

 Options in **Connection manager** main view when there are one or more connections are **Details**, **Disconnect**, **Disconnect all**, **Help**, and **Exit**.

To view the details of a connection, scroll to a connection, and select **Options > Details**.

Name—The name of the Internet access point (IAP) in use, or the modem connection name if the connection is a dial-up connection.

Bearer—The type of data connection: **Data call**, **High sp. GSM**, or **Packet data**.

Status—The current status of the connection: **Connecting**, **Conn.(inact.)**, **Conn.(active)**, **On hold**, **Disconnecting**, or **Disconnected**.

Received—The amount of data, in bytes, received to the device.

Sent—The amount of data, in bytes, sent from the device.

Duration—The length of time that the connection has been open.

Speed—The current speed of both sending and receiving data in kilobytes per second.


Name—Access point name used.

Dial-up—The dial-up number used.

Shared (not shown if the connection is not shared)—The number of applications using the same connection.



Remote synchronisation

Press , and select **Connectivity > Sync**. **Sync** enables you to synchronise your calendar and contacts with various calendar and address book applications on a compatible computer or on the Internet.

The synchronisation application uses SyncML technology for synchronisation. For information on SyncML compatibility, contact the supplier of the calendar or address book application you want to synchronise the device data with.

You may receive synchronisation settings in a special text message. See "Data and settings" on page 67.

Create a new synchronisation profile

Options in the **Sync** main view are **Synchronise**, **New sync profile**, **Edit sync profile**, **Delete**, **View log**, **Set as default**, **Help**, and **Exit**.

- 1 If no profiles have been defined, the phone asks if you want to create a new profile.
Select **Yes**.

To create a new profile in addition to existing ones, select **Options > New sync profile**. Choose whether you want to use the default setting values or copy the values from an existing profile to be used as the basis for the new profile.

- 2 Define the following:

Sync profile name:—Enter a descriptive name for the profile.

Data bearer:—Select the connection type: **Web** or **Bluetooth**.

Access point (shown only if **Data bearer** is set to **Web**)—Select an access point to use for the data connection.

Host address:—Contact your service provider or system administrator for the correct values.


Port (shown only if **Data bearer** is set to **Web**)—Contact your service provider or system administrator for the correct values.

User name:—Your user ID for the synchronisation server. Contact your service provider or system administrator for your correct ID.

Password:—Enter your password. Contact your service provider or system administrator for the correct value.

Allow sync requests:—Select **Yes** if you want to allow the server to start a synchronisation.

Accept all sync reqs:—Select **No** if you want the device to ask you before a synchronisation initialised by the server is started.

Network authentic (shown only if **Data bearer** is set to **Web**)—Select **Yes** to enter a network user name and password. Press  to view the user name and password fields.

Press  to select: **Contacts**, **Calendar**, or **Notes**.

- Select **Yes** if you want to synchronise the selected database.
 - In **Synchronisation type**, select the type of synchronisation from **Normal** (bidirectional synchronisation), **To server only**, or **To phone only**.
 - For **Remote database**, enter the correct path to a remote calendar, address book, or memos database on the server.
- 3 Press **Back** to save the settings and return to the main view.

Synchronise data

In the **Sync** main view, you can see the different synchronisation profiles and the kind of data to be synchronised.

- 1 Select a synchronisation profile, and select **Options > Synchronise**. The status of the synchronisation is shown at the bottom of the screen.

When the device is connected to a PC via a USB cable, the PC starts synchronisation.


To cancel synchronisation before it finishes, press **Cancel**.

- 2 You are notified when the synchronisation is complete. After synchronisation is complete, select **Options > View log** to open a log file. The log file shows the

synchronisation status (**Complete** or **Incomplete**) and how many calendar or contact entries have been added, updated, deleted, or discarded (not synchronised) in the device or on the server.



Device manager

Press , and select **Tools > Dev. mgr.**. You may receive server profiles and different configuration settings from your network operator, service provider, or company information management department. These configuration settings may include access point settings for data connections and other settings used by different applications in the device.

To receive configuration settings for the device from the server, select **Start configuration**.

To allow or deny receiving of configuration settings from a service provider, select **Enable config.** or **Disable config.**

Server profile settings

Contact your service provider for the correct settings.

Server name—Enter a name for the configuration server.

Server ID—Enter the unique ID to identify the configuration server.

Server password—Enter a password to identify your phone to the server.

Access point—Select an access point to be used when connecting to the server.

Host address—Enter the URL address of the server.

Port—Enter the port number of the server.

User name and **Password**—Enter your user name and password.




Allow configuration—To receive configuration settings for the device from the server, select **Yes**.

Auto-accept all reqs.—If you want the phone to ask for confirmation before accepting a configuration from the server, select **No**.

Tools



Settings

To change settings, press , and select **Tools > Settings**. Scroll to a setting group, and press  to open it. Scroll to a setting you want to change, and press .



Phone settings

General

Phone language—Changing the language of the display texts in the device also affects the format used for date and time and the separators used, for example, in calculations. **Automatic** selects the language according to the information on your SIM card. After you change the display text language, the device restarts.

Changing the settings for **Phone language** affects every application in the device, and the change remains effective until you change these settings again.

English prediction—You can set the predictive text input **On** or **Off** for all editors in the device. The predictive text dictionary is not available for all languages.

Reset predictive dict.—Converted characters are automatically memorised by the list of conversion candidates. Words that you added to the User dictionary or

you frequently use, appear high in the list of conversion candidates. You can reset the list of conversion candidates to its original values. The words you added to the User dictionary are unaffected.

Japanese prediction—You can set the Japanese predictive text input **On** or **Off** for all editors in the device.

Welcome note or logo—The welcome note or logo is displayed briefly each time you switch on the device. Select **Default** to use the default image, **Text** to enter a welcome note (up to 50 letters), or **Image** to select a photo or picture from **Gallery**.

Orig. phone settings—You can reset some of the settings to their original values. To do this, you need the lock code. See "Security", "Phone and SIM" on page 111. After resetting, the device may take a longer time to power on. Documents and files are unaffected.

Key settings for the standby mode

Active standby—Use shortcuts to applications in the standby mode. See "Standby mode functionality extension" on page 26.

Left selection key—To assign a shortcut to the right selection key (—) in the standby mode, select an application from the list.

Right selection key—To assign a shortcut to the right selection key (—) in the standby mode, select an application from the list.

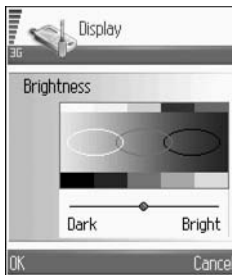
You can also assign keypad shortcuts for the different presses of the scroll key, by selecting an application from the list. The scroll key shortcuts are not available if the **Active standby** is on.

Operator logo—This setting is visible only if you have received and saved an operator logo. You can choose if you want the operator logo to show or not.

Display

Brightness—You can change the brightness of the display to lighter or darker. The brightness of the display is automatically adjusted according to the environment.

Screen saver timeout—The screen saver is activated when the timeout period is over.



Light time-out—Select a timeout after which the backlight is switched off.



Call settings

Send my caller ID (network service)—You can set your phone number to be displayed to (**Yes**) or hidden from (**No**) the person to whom you are calling, or the value may be set by your network operator or service provider when you make a subscription (**Set by network**).


Call waiting (network service)—If you have activated call waiting, the network notifies you of a new incoming call while you have a call in progress. Select **Start** to request the network to activate call waiting, **Stop** to request the network to deactivate call waiting, or **Check status** to check if the function is active or not.

Reject call with SMS—Select **Yes** to send a text message to a caller informing why you could not answer the call. See "Answer or reject a call" on page 31.


Message text—Enter a text to be sent in a text message when you reject a call.

Image in video call—You can deny video sending when you receive a video call. Select a still image to be displayed instead of video.








Tip: To change the settings for call diverting, press , and select **Tools > Settings > Call divert**. See "Call diverting" on page 113.

Replace intl. prefix—If you have a specific international call prefix number when making an international call from Japan, select **Yes** and enter the international call prefix number. If you save a phone number starting with + mark and the country code is not 81 (81 is Japan's country code) in Contacts and you make a call to that number, + mark will be replaced with the prefix number you saved. Select **No** when making a call from a country where the saved prefix number is not in use. This setting is valid only for normal voice, video, data, and fax calls depending on roaming agreements between operators.




Automatic redial—Select **On**, and your phone makes a maximum of ten attempts to connect the call after an unsuccessful call attempt. To stop automatic redialling press .

Summary after call—Activate this setting if you want the device to briefly display the approximate duration of the last call.

Speed dial—Select **On**, and the numbers assigned to the speed dialling keys ( 2abc — ) can be dialled by pressing and holding the key. See also "Speed dial a phone number" on page 30.


Anykey answer—Select **On**, and you can answer an incoming call by briefly pressing any key, except , , and .

Reject a call as follows when the anykey answer is set to **On**.

- **Reject a call with SMS** when a call comes in (see page 104. To use , press  (Right selection key) in order of **Silence > Send msg**.
- To reject a call when a call comes in, press  (End key) when a call comes in.

Line in use (network service)—This setting is shown only if the SIM card supports two subscriber numbers, that is, two phone lines. Select which phone line you want to use for making calls and sending text messages. Calls on both lines can be answered irrespective of the selected line. If you select **Line 2** and have not subscribed to this network service, you will not be able to make calls. When line 2 is selected, **2** is shown in the standby mode.



Tip: To switch between the phone lines, press and hold  # in the standby mode.

Line change (network service)—To prevent line selection, select **Line change > Disable** if supported by your SIM card. To change this setting, you need the PIN2 code.



Connection settings

Data connections and access points

The device supports packet data connections (📶), such as GPRS in the GSM network.



Glossary: General packet radio service (GPRS) uses packet data technology where information is sent in short packets of data over the mobile network.

To establish a data connection, an access point is required. You can define different kinds of access points, such as:

- MMS access point to send and receive multimedia messages
- Access point for the Web application to view WML or XHTML pages
- Internet access point (IAP) to send and receive e-mail

Check the kind of an access point you need with your service provider for the service you wish to access. For availability and subscription to packet data connection services, contact your network operator or service provider.

Packet data connections in GSM and WCDMA networks

When you use the device in GSM and WCDMA networks, multiple data connections can be active at the same time, access points can share a data connection, and data connections remain active during voice calls. To check the active data connections, see "Connection manager" on page 98.

The following indicators may be displayed below the signal indicator, depending on which network you use:

📶 GSM network. Packet data is available in the network.

📶 GSM network. Packet data connection is active, data is being transferred.

📶 GSM network. Multiple packet data connections are active.

📶 GSM network. Packet data connection is on hold. (This can happen during a voice call, for example.)

📶 WCDMA networks. Packet data is available in the network.

📶 WCDMA networks. Packet data connection is active, data is being transferred.

📶 WCDMA networks. Multiple packet data connections are active.

Receive access point settings

You may receive access point settings in a text message from a service provider, or you may have preset access point settings in the device. See "Data and settings" on page 67.

To create a new access point, select **Tools > Settings > Connection > Access points**.

An access point may be protected (🔒) by your network operator or service provider. Protected access points cannot be edited or deleted.

Access points

Options in the **Access points** list are **Edit**, **New access point**, **Delete**, **Help**, and **Exit**.

Follow the instructions given by your service provider.

Connection name—Give a descriptive name for the connection.

Data bearer—Depending on what data connection you select, only certain setting fields are available. Fill in all fields marked with **Must be defined** or with a red asterisk. Other fields can be left empty, unless you have been instructed otherwise by your service provider.

Options when editing access point settings are **Change**, **Advanced settings**, **Help**, and **Exit**.

To be able to use a data connection, the network service provider must support this feature, and if necessary, activate it for your SIM card.

Access point name (for packet data only)—The access point name is needed to establish a connection to the packet data and WCDMA networks. You obtain the access point name from your network operator or service provider.



Tip: See also "Receive MMS and e-mail settings" on page 66, "E-mail" on page 75, and "Access the Web" on page 81.

User name—The user name may be needed to make a data connection, and is usually provided by the service provider. The user name is often case-sensitive.

Verify password—If you must enter a new password every time you log in to a server, or if you do not want to save your password in the device, choose **Yes**.

Password—A password may be needed to make a data connection, and is usually provided by the service provider. The password is often case-sensitive.

Authentication—Select **Normal** or **Secure**.

Homepage—Depending on what you are setting up, enter the Web address or the address of the multimedia messaging centre.

Select **Options > Advanced settings** to change the following settings:

Network type—Select the Internet protocol type to use: **IPv4 settings** or **IPv6 settings**.

Phone IP address—Enter the IP address of your phone.

Name servers—In **Primary name server**, enter the IP address of the primary DNS server. In **Second. name server**, enter the IP address of the secondary DNS server. Contact your Internet service provider to obtain these addresses.



Glossary: The domain name service (DNS) is an Internet service that translates domain names such as www.nokia.com into IP addresses like 192.100.124.195.

Proxy serv. address—Define the address for the proxy server.

Proxy port number—Enter the port number of the proxy server.

Packet data

The packet data settings affect all access points using a packet data connection.

Packet data conn.—If you select **When available** and you are in a network that supports packet data, the device registers to the packet data network. Also, starting an active packet data connection is quicker (for example, to send and receive e-mail). If you select **When needed**, the phone uses a packet data connection only if you start an application or action that needs it. If there is no packet data coverage and you select **When available**, the phone periodically tries to establish a packet data connection.

Access point—The access point name is needed to use the device as a packet data modem to your computer.

Configurations

You may receive trusted server settings from your network operator or service provider in a configuration message, or the settings may be stored on your SIM or USIM card. You can save these settings to the device, view or delete them in **Configurations**.



Date and time

See "Clock settings" on page 22.

See also the language settings in "General" on page 103.



Security

Phone and SIM

PIN code request—When active, the code is requested each time the device is switched on. Deactivating the personal identification number (PIN) code request may not be allowed by some SIM cards. See "Glossary of PIN and lock codes" on page 110.

PIN code, PIN2 code, and Lock code—You can change the lock code, PIN code, and PIN2 code. These codes can only include the numbers from 0–9. See "Glossary of PIN and lock codes" on page 110.

Avoid using access codes similar to the emergency numbers to prevent accidental dialling of the emergency number.

If you forget any of these codes, contact your service provider.

Autolock period—You can set an autolock period, a time-out after which the device automatically locks and can be used only if the correct lock code is entered. Enter a number for the time-out in minutes, or select **None** to turn off the autolock period.

To unlock the device, enter the lock code.



Note: When the device is locked, calls in offline profile to certain emergency numbers programmed into the device are still possible. In this situation, calls to 110, 118 and 119 may not be possible depending on your USIM card. In that case, please set this option off and make calls with these numbers in accordance with "Emergency calls" on page 148.




Tip: To lock the device manually, press **(C)**. A list of commands opens. Select **Lock phone**.

Lock if SIM changed—You can set the phone to ask for the lock code when an unknown SIM card is inserted into the device. The device maintains a list of SIM cards that are recognised as the owner's cards.



Note: The following functions cannot currently be used.

- Fixed dialling
- Closed user group
- Confirm SIM services

Fixed dialling—You can restrict calls and text messages from the device to selected phone numbers, if supported by your SIM card. You need the PIN2 code for this function. To view the list of fixed dialling numbers, press , and select **Tools > Settings > Security > Phone and SIM > Fixed dialling**. To add new numbers to the fixed dialling list, select **Options > New contact** or **Add from Contacts**. When you use **Fixed dialling**, packet data connections are not possible, except when sending text messages over a packet data connection. In this case, the message centre number and the recipient's phone number must be included on the fixed dialling list.

Options in the **Fixed dialling** view are **Open**, **Call**, **Activ. fixed dialling/Deact. fixed dialling**, **New contact**, **Edit**, **Delete**, **Add to Contacts**, **Add from Contacts**, **Find**, **Mark/Unmark**, **Help**, and **Exit**.



Note: When security features that restrict calls are in use (such as Call barring, Closed user group, and Fixed dialling) calls still may be possible to the official emergency numbers programmed into the device. In this situation, calls to 110, 118 and 119 may not be possible depending on your USIM card. In that case, please set this option off and make calls with these numbers in accordance with "Emergency calls" on page 148.

Closed user group (network service)—You can specify a group of people to whom you can call and who can call you.

Confirm SIM services (network service)—You can set the phone to display confirmation messages when you are using a SIM card service.

Glossary of PIN and lock codes

Personal identification number (PIN) code—This code protects your SIM card against unauthorised use. The PIN code (4–8 digits) is usually supplied with the SIM card. After three consecutive incorrect PIN code entries, the PIN code is blocked, and you need to unblock it before you can use the SIM card again. See the information about the PUK code in this section.

UPIN code—This code may be supplied with the USIM card. The USIM card is an enhanced version of the SIM card and is supported by WCDMA mobile phones. The UPIN code protects the USIM card against unauthorised use.



Note: This function cannot be provided by Vodafone.

PIN2 code—This code (4–8 digits) is supplied with some SIM cards, and is required to access some functions in the device.

Lock code—This code (5 digits) can be used to lock the device to avoid unauthorised use. The factory setting for the lock code is **12345**. To avoid unauthorised use of your phone, change the lock code. Keep the new code secret and in a safe place separate from the device.


Personal unblocking key (PUK) code and PUK2 code—These codes (8 digits) are required to change a blocked PIN code or PIN2 code, respectively. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your phone.


UPUK code—This code (8 digits) is required to change a blocked UPIN code. If the code is not supplied with the USIM card, contact the operator whose USIM card is in your phone.

Wallet code—This code is required to use the wallet services. See "Wallet" on page 91.

Certificate management

Digital certificates do not guarantee safety; they are used to verify the origin of software.

In the certificate management main view, you can see a list of authority certificates that are stored in the device. Press  to see a list of personal certificates, if available.

 Options in the certificate management main view are [Certificate details](#), [Delete](#), [Trust settings](#), [Mark/Unmark](#), [Help](#), and [Exit](#).



Glossary: Digital certificates are used to verify the origin of the XHTML or WML pages and installed software. However, they can only be trusted if the origin of the certificate is known to be authentic.

Digital certificates should be used if you want to connect to an online bank or another site or remote server for actions that involve transferring confidential information. They should also be used if you want to reduce the risk of viruses or other malicious software and be sure of the authenticity of software when downloading and installing software.



Important: Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available. Certificates have a restricted lifetime. If Expired certificate or Certificate not valid yet is shown even if the certificate should be valid, check that the current date and time in the device are correct.

View certificate details—check authenticity

You can only be sure of the correct identity of a server when the signature and the period of validity of a server certificate have been checked.

You are notified on the device display if the identity of the server is not authentic or if you do not have the correct security certificate in the device.

To check certificate details, scroll to a certificate, and select **Options > Certificate details**. When you open certificate details, the validity of the certificate is checked, and one of the following notes may be displayed:

- **Certificate not trusted**—You have not set any application to use the certificate. See "Change the trust settings" on page 112.
- **Expired certificate**—The period of validity has ended for the selected certificate.
- **Certificate not valid yet**—The period of validity has not yet begun for the selected certificate.
- **Certificate corrupted**—The certificate cannot be used. Contact the certificate issuer.

Change the trust settings

Before changing any certificate settings, you must make sure that you really trust the owner of the certificate and that the certificate really belongs to the listed owner.

Scroll to an authority certificate, and select **Options > Trust settings**. Depending on the certificate, a list of the applications that can use the selected certificate is shown. For example:

- **Symbian installation: Yes**—The certificate is able to certify the origin of a new Symbian operating system application.
- **Internet: Yes**—The certificate is able to certify servers.
- **App. installation: Yes**—The certificate is able to certify the origin of a new Java application.

Select **Options > Edit trust setting** to change the value.




Call diverting

Call divert allows you to divert your incoming calls to your voice mailbox or another phone number. For details, contact your service provider.

- 1 Press **Ⓜ**, and select **Tools > Settings > Call divert**.
- 2 Select which calls you want to divert: **Voice calls**, **Data and video calls**, or **Fax calls**.
- 3 Select the desired divert option. To divert voice calls when your number is busy or when you reject incoming calls, select **Active call**.

- 4 Set the divert option on (**Activate**) or off (**Cancel**), or check whether the option is activated (**Check status**). Several divert options can be active at the same time.

When all calls are diverted,  is shown in the standby mode.

Call barring and call diverting cannot be active at the same time.





Call barring (network service)

Call barring allows you to restrict the calls that you make or receive with the device. To change the settings, you need the barring password from your service provider. Select the desired barring option, and set it on (**Activate**) or off (**Cancel**), or check whether the option is active (**Check status**). **Call barring** affects all calls, including data calls.



Network

The device can automatically switch between the GSM and WCDMA networks. The GSM network is indicated with  in the standby mode. The WCDMA network is indicated with .

Network mode (shown only if supported by the operator)—Select which network to use. If you select **Dual mode**, the device uses the GSM or WCDMA network automatically, according to the network parameters and the roaming agreements between the network operators. Contact your network operator for more details.

Operator selection—Select **Automatic** to set the phone to search for and select one of the available networks, or **Manual** to manually select the network from a list of networks. If the connection to the manually selected network is lost, the phone sounds an error tone and asks you to reselect a network. The selected network must have a roaming agreement with your home network, that is, the operator whose SIM card is in the device.



Glossary: A roaming agreement is an agreement between two or more network service providers to enable the users of one service provider to use the services of other service providers.

Cell info display—Select **On** to set the device to indicate when it is used in a cellular network based on microcellular network (MCN) technology and to activate cell info reception.



Enhancement settings

Indicators shown in the standby mode:



A headset is connected.



A loopset is connected.



A car kit with Bluetooth technology is connected.



The headset is unavailable, or a Bluetooth connection to a headset is lost.

Select **Headset**, **Loopset**, or **Bluetooth Headset**, and the following options are available:

Default profile—To set the profile that you want activated each time you connect a certain enhancement to the device. See "Set tones" on page 23.

Automatic answer—To set the phone to answer an incoming call automatically after 5 seconds. If the Ringing type is set to **Beep once** or **Silent**, automatic answer is disabled.



Voice commands

You can use voice commands to control the device. You record voice commands in the same way as voice tags. See "Add a voice tag" on page 39.

Press , and select **Tools > Voice com.**.

Add a voice command to an application

You can have only one voice command per application.

- 1 Select the application to which you want to add a voice command.





To add a new application to the list, select **Options > New application**.



- 2 Select **Options > Add voice command**. See "Add a voice tag" on page 39.



File manager

Many features of the device use memory to store data. These features include contacts, messages, images, ringing tones, calendar and to-do notes, documents, and downloaded applications. The free memory available depends on how much data is already saved in the phone memory. You can use a memory card as extra storage space. Memory cards are rewritable, so you can delete and save data on a memory card.

To browse files and folders in the phone memory or on a memory card (if inserted), press , and select **Tools > File**. The phone memory view () opens. Press  to open the memory card view ().

To move or copy files to a folder, press  and  at the same time to mark a file, and select **Options > Move to folder** or **Copy to folder**.

Icons in **File manager**:



Folder



Folder that has a subfolder


To find a file, select **Options > Find** and the memory from which to search, and enter a search text that matches the file name.



Tip: You can use Nokia Phone Browser available in Nokia PC Suite to view the different memories in the device. See the CD-ROM supplied in the sales package.

View memory consumption

To view what types of data you have in the device and how much memory the different data types consume, select **Options > Memory details**. The amount of free memory in the device is shown in the **Free memory** field.

To view the amount of free memory on the memory card, if you have a card inserted in the phone, press  to open the memory card view, and select **Options > Memory details**.

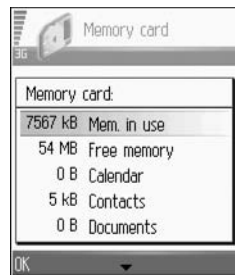
Memory low—free memory

The device notifies you if the phone memory or memory card memory is getting low.

To free phone memory, transfer data to a memory card in the file manager. Mark files to be moved, select **Move to folder > Memory card**, and a folder.

To remove data to free memory, use **File manager**, or go to the respective application. For example, you can remove the following:

- Messages from **Inbox**, **Drafts**, and **Sent** folders in **Messaging**.
- Retrieved e-mail messages from the phone memory
- Saved Web pages
- Saved images, videos, or sound files
- Contact information
- Calendar notes
- Downloaded applications. See also "Application manager" on page 118.
- Any other data that you no longer need






Memory card tool



Note: This device uses a Reduced Size Dual Voltage (1.8/3V) MultiMediaCard (MMC). To ensure interoperability, use only dual voltage MMCs. Check the compatibility of an MMC with its manufacturer or provider.

Press , and select **Tools > Memory**. You can use a memory card as extra storage space. See "Insert the memory card" on page 12. You can also back up information from phone memory, and restore the information to the phone later.

You cannot use the memory card if the door of the memory card slot is open.

Keep all memory cards out of the reach of small children.

Do not open the memory card slot door in the middle of an operation. Opening the slot door may damage the memory card as well as the device, and data stored on the card may be corrupted.

Options in the memory card tools are **Backup phone mem.**, **Restore from card**, **Format mem. card**, **Memory card name**, **Memory details**, **Help**, and **Exit**.

Use only compatible MultiMediaCards (MMC) with the device. Other memory cards, such as Secure Digital (SD) cards, do not fit in the MMC card slot and are not compatible with the device. Using an incompatible memory card may damage the memory card as well as the device, and data stored on the incompatible card may be corrupted.

- To back up information from phone memory to a memory card, select **Options > Backup phone mem..**
- To restore information from the memory card to the phone memory, select **Options > Restore from card..**

Format a memory card

When a memory card is formatted, all data on the card is permanently lost. The memory card supplied with the device does not need to be formatted.




Tip: To rename a memory card, select **Options > Memory card name**.



Some memory cards are supplied preformatted and others require formatting. Consult your retailer to find out if you must format the memory card before you can use it.

To format a memory card, select **Options > Format mem. card**. Select **Yes** to confirm. When formatting is complete, enter a name for the memory card, and select **OK**.






Application manager

Press , and select **Tools > Manager**. You can install two types of applications and software to the device: The device has restrictions for installing applications or software.

- J2ME™ applications based on Java™ technology with the extension JAD or JAR () . Do not download PersonalJava™ applications to the device, as they cannot be installed. The icon  is shown on the main menu screen.




Example: If you have received the installation file as an e-mail attachment, go to your mailbox, open the e-mail, open the attachments view, scroll to the installation file, and press  to start installation.


- Other applications and software suitable for the Symbian operating system () . The installation files have the SIS extension. Install software dedicated for the device. The icon  is shown in the main menu.


Installation files may be transferred to the device from a compatible computer, downloaded during browsing, or sent to you in a multimedia message, as an e-mail attachment, or using a Bluetooth connection. You can use Nokia Application Installer in Nokia PC Suite to install an application to the device or a memory card. If you use Microsoft Windows Explorer to transfer a file, save the file to a memory card (local disk).

Install applications and software

The following icons will be shown when the application manager opens.

 (Red)—SIS application

 (Blue)—Java application

—Application is not fully installed. (shown on the right side of the screen).



Important: Install applications only from sources that offer adequate protection against harmful software.

Before installation, do the following:

To view the application type, version number, and the supplier or manufacturer of the application, select **Options > View details**.


To display the security certificate details of the application, select **Options > View certificate**. See "Certificate management" on page 111.

If you install a file that contains an update or repair to an existing application, you can only restore the original application if you have the original installation file or a full back-up copy of the removed software package. To restore the original application, remove the application, and install the application again from the original installation file or the backup copy.



Tip: You can also use Nokia Application Installer available in Nokia PC Suite to install applications. See the CD-ROM supplied with the device.

The JAR file is required for installing Java applications. If it is missing, the phone may ask you to download it. If there is no access point defined for the application, you are asked to select one. When you are downloading the JAR file, you may need to enter a user name and password to access the server. You obtain these from the supplier or manufacturer of the application.

- 1 Open **Manager**, and scroll to an installation file. Alternatively, search the phone memory or the memory card, select the application, and press  to start the installation.
- 2 Select **Options > Install**.



Tip: While browsing, you can download an installation file and install it without closing the connection.

During installation, the device shows information about the progress of the installation. If you are installing an application without a digital signature or certification, the phone displays a warning. Continue installation only if you are sure of the origin and contents of the application.

Options in the **Manager** main view are **Install**, **View details**, **Go to web address**, **View certificate**, **Send**, **Delete**, **App. downloads**, **View log**, **Send log**, **Refresh**, **Settings**, **Help**, and **Exit**.

To start an installed application, scroll to it, and press .

To start a network connection and to view extra information about the application, scroll to it, and select **Options > Go to web address**, if available.

To see what software packages have been installed or removed and when, select **Options > View log**.

To send your installation log to a help desk so that they can see what has been installed or removed, select **Options > Send log > Via text message**, **Via multimedia**, **Via Bluetooth**, or **Via e-mail** (available only if the correct e-mail settings are in place).

Remove applications and software

Scroll to a software package, and select **Options > Remove**. Select **Yes** to confirm.

If you remove software, you can only reinstall it if you have the original software package or a full backup of the removed software package. If you remove a software package, you may no longer be able to open documents created with that software.



Note: If another software package depends on the software package that you removed, the other software package may stop working. Refer to the documentation of the installed software package for details.

Application settings

Software installation—Select the kind of software you want installed: **On**, **Signed only**, or **Off**.

Online certif. check—Select to check the online certificates before installing an application.

Default web address—Set the default address used when checking online certificates.






Some Java applications may require a phone call, a message to be sent, or a network connection to a specific access point for downloading extra data or components. In the **Manager** main view, scroll to an application, and select **Options > Suite settings** to change settings related to that specific application.



Activation keys—Handle copyright-protected files

Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.

Press , and select **Tools > Activation keys** to view the digital rights activation keys stored in the device.

- Valid keys () are connected to one or more media files.
- With expired keys (), you have no time to use the media file, or the time period for using the file is exceeded. To view the **Expired** activation keys, press .
- To buy more usage time or extend the usage period for a media file, select an activation key, and **Options > Activate content**. Activation keys cannot be updated if Web service message reception is disabled. See "Web service messages" on page 76.
- To view which keys are not in use at the moment (**Not activated**), press  twice. Unused activation keys have no media files connected to them saved in the device.
- To view detailed information such as the validity status and ability to send the file, select an activation key, and press .

Memory Card (MMC) Add-on Applications

Introduction

Your Vodafone702NKII device is a powerful, intelligent, and compact imaging phone that allows you to achieve more at work, home, or play. To get you started, there are various exciting applications provided by Nokia and different third-party software developers to help you do more with your Vodafone702NKII device.

Some of the applications provided are on the Reduced-Size MultiMediaCard (memory card), and some are on the CD-ROM supplied with the phone. This document provides explanation on some of the applications.

Availability of the applications may vary according to your country or sales area.

To use some applications, you must accept the applicable licence terms.



Note: If you remove the memory card, the applications installed on the memory card cannot be used. Reinsert the memory card to access the applications.



Note: You must install the applications on the CD-ROM to a compatible PC before using them.

Network services

Many of the applications depend on features in the wireless network to function. These network services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize network services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.

Support

Applications provided by third-party software developers are supported by these developers. If you experience problems with an application, obtain support from the relevant Web site. See the Web links at the end of each application in this guide.

ABOUT ADD-ON APPLICATIONS FOR YOUR DEVICE

In the sales package you will find a Reduced-Size Dual Voltage MultimediaCard (RS-MMC) that contains additional applications from Nokia and third-party developers. The content of the RS-MMC and the availability of applications and services may vary by country, retailer and/or network operator. The applications and further information about the use of the applications at www.nokia.com/support are available in selected languages only.

Some operations and features are SIM card and/or network dependent, MMS dependent, or dependent on the compatibility of devices and the content formats supported. Some services are subject to a separate charge.

NO WARRANTY

The third party applications provided on the Reduced-size MultimediaCard (RS-MMC) have been created and are owned by persons or entities that are not affiliated with or related to Nokia. Nokia does not own the copyrights and/or intellectual property rights to these third party applications. As such, Nokia does not take responsibility for any end user support or the functionality of these third party applications, nor the information presented in the applications or these materials. Nokia does not provide any warranty for these applications.

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Office (MMC)



Quickword

Microsoft Word documents are at your fingertips on the device. With **Quickword** you can receive native Microsoft Word documents and read them on the display of the device. **Quickword** supports colours, bold, italics, underline, and full screen view mode.



Tip: **Quickword** supports documents saved in .doc format in Microsoft Word 97, 2000, and XP, and Palm eBooks in .doc format.

Quickword has the following features:

- Interoperability with compatible PCs and other Palm devices
- Store documents on the memory card for instant access




Note: Not all variations or features of the mentioned file formats are supported.


Accessed and open documents in the following ways:

- Start **Quickword**, and use the **Browse** option to browse and open documents stored in the phone memory and on the memory card.

- Open an e-mail attachment from received e-mail messages (network service).
- Send a document using Bluetooth connectivity to your **Inbox** in **Messaging**.
- Use **File manager** to browse and open documents stored in the phone memory and on the memory card.

Manage Word files

To browse and manage Word document files stored in your phone or on a memory card, press , and select **Office > Quickword**.

To open a document file, select it, and press .

You can also select **Options**, and select one of the following:

Browse—To browse for Word files in the phone memory or on a memory card.

Files > Sort—To sort the currently displayed files by their name, size, date, or file extension.

Files > Search—To search for files in **Mailbox** only, or in all folders in the phone memory and on the memory card.



Refresh—To refresh the file list.

Details—To see the size of the current file, and when it was last modified.

Delete—To delete the current file.




To close **Quickword** and return to the **Office** folder, select **Options > Exit**.

View Word documents


To open a Word document for viewing, press , and select **Office > Quickword**. Select the document, and press .

Use the scroll key to move around in the document.

To search the document for text:

- 1 Select **Options > Find > Search**.
- 2 Enter the text to search for in the **Find** field.
- 3 Press  to move to the **Case** field. Press  or , and select **Sensitive** or **Insensitive**.
- 4 Select **Find** to begin the search.




Tip: To find the next occurrence of the searched text, press  #.



You can also select **Options**, and select one of the following:

Go to—To move to the start, selected position within, or end of the document.

Zoom—To zoom in or out.

Autoscroll—To start automatic scrolling through the document, press  to stop scrolling.



Tip: Press  to slow down, or  to speed up the automatic scrolling.

To close the document and return to the file view, select **Back**.

To close **Quickword** and return to the **Office** folder, select **Options > Exit**.

More information

This application can be installed from <http://www.nokia.co.jp/support/phones/6680> from PC (Japanese only).

If you experience problems with **Quickword**, visit <http://www.quickoffice.com/> (English) for more information.

Support is also available by sending an e-mail to supportS60@quickoffice.com (English).




Quicksheet

Microsoft Excel documents are at your fingertips on the device. With **Quicksheet** you can receive Excel files and read them on the display of the device.



Tip: **Quicksheet** supports spreadsheet files saved in .xls format in Microsoft Excel 97, 2000, 2003, and XP.

Quicksheet has the following features:

- Click  twice to switch between worksheets.
- Search the spreadsheet for a text within a value or formula.
- Column resizing, row and column freezing.
- Store spreadsheets on the memory card for instant access.




Note: Not all variations or features of the mentioned file formats are supported.

Access and open files in the following ways:

- Start **Quicksheet**, and use the **Browse** option to browse and open documents stored in the phone memory and on the memory card.

- Open an e-mail attachment from received e-mail messages (network service).
- Send a document using Bluetooth connectivity to your **Inbox** in **Messaging**.
- Use **File manager** to browse and open documents stored in the phone memory and on the memory card.

Manage spreadsheets

To browse and manage spreadsheet files in your phone or on a memory card, press , and select **Office > Quicksheet**.

To open a spreadsheet file, select it, and press .

You can also select **Options**, and select one of the following:

Browse—To browse for spreadsheet files in the phone memory or on a memory card.

Files > Sort—To sort the currently displayed files by their name, size, date, or file extension.

Files > Search—To search for files in **Mailbox** only, or in all folders in the phone memory and on the memory card.



Refresh—To refresh the file list.

Details—To see the size of the current file, and when it was last modified.

Delete—To delete the current file.

To close **Quicksheet** and return to the **Office** folder, select **Options > Exit**.

View spreadsheets

To open a spreadsheet for viewing, press , and select **Office > Quicksheet**. Select the spreadsheet file, and press .

Use the scroll key to move around in the spreadsheet.



To switch between worksheets, select **Options > Go to > Worksheet**, scroll to the worksheet, and select **OK**.

To search the spreadsheet for a text within a value or formula, select **Options > Find > Options**.

Define the following:

Find—Enter the text you want to locate.

Search in—Press  or  to **Values** or **Formulas**.

Range—Press  or  to select the search area, for example, **Current sheet**.




Select **Find** to begin the search.

To change how the spreadsheet is displayed, select **Options**, and select one of the following:

Change screen size—To toggle between full screen and partial screen mode.

Zoom level—To zoom in or out.

Freeze—To keep the highlighted row, column, or both visible while you move in the spreadsheet.

Adjust column width—Press  or  to make a column narrower or wider. When the column is the desired width, press .

To close the spreadsheet and return to the file view, select **Back**.

To close **Quicksheet** and return to the **Office** folder, select **Options > Exit**.

More information

This application can be installed from <http://www.nokia.co.jp/support/phones/6680> from PC (Japanese only).

If you experience problems with **Quicksheet**, visit <http://www.quickoffice.com/> (English) for more information.

Support is also available by sending an e-mail to supportS60@quickoffice.com (English).



Note: **Quicksheet** is dependent on **Quickword**. If **Quickword** is uninstalled, **Quicksheet** is not able to view any spreadsheets or Excel documents any more.



Quickpoint

Microsoft PowerPoint documents are at your fingertips on the device. With **Quicksheet** you can receive PowerPoint presentations and read them on the display of the device.



Tip: **Quickpoint** supports presentations created in .ppt format in Microsoft Powerpoint 97, 2000, and XP.

Quickpoint has the following features:

- Advanced viewing with four views:
 - Outline view
 - Speaker notes view
 - Slide view
 - Thumbnails view

- Store presentations on the memory card for instant access.




Note: Not all variations or features of the mentioned file formats are supported.

Access and open files in the following ways:

- Start **Quickpoint**, and use the **Browse** option to browse and open documents stored in the phone memory and on the memory card.
- Open an e-mail attachment from received e-mail messages (network service).
- Send a document using Bluetooth connectivity to your **Inbox** in **Messaging**.
- Use **File manager** to browse and open documents stored in the phone memory and on the memory card.

Manage presentations

To browse and manage presentation files, press , and select **Office > Quickpoint**.

You can also select **Options**, and select one of the following:

Browse—To browse for presentation files in the phone memory or on a memory card.

Files > Sort—To sort the currently displayed files by their name, size, date, or file extension.

Files > Search—To search for files in **Mailbox** only, or in all folders in the phone memory and on the memory card.


Refresh—To refresh the file list.

Details—To see the size of the current file, and when it was last modified.



Delete—To delete the current file.

To close **Quickpoint** and return to the **Office** folder, select **Options > Exit**.


View presentations

To select a presentation for viewing, press , and select **Office > Quickpoint**.

To move between the **Outline**, **Notes**, **Slide**, **Thumbnail** views, press  or .

Press  or  to move to the next or previous slide in the presentation.

View outlines

Select a presentation, and press .

You can also select **Options**, and select one of the following:

Change screen size—To toggle between full screen and partial screen mode.

Outline—To expand or collapse items in the presentation outline.

Navigate—To move a page up or down.

View—To switch to the **Notes**, **Slide**, or **Thumbnail** view.

To close the presentation and return to the file view, select **Back**.

To close **Quickpoint** and return to the **Office** folder, select **Options > Exit**.

View notes

Select a presentation, press , and press  to go to the **Notes** view.

You can also select **Options**, and select one of the following:

Change screen size—To toggle between full screen and partial screen mode.

Navigate—To go to the next or previous slide.

View—To switch to the **Outline**, **Slide**, or **Thumbnail** view.

To close the presentation and return to the file view, select **Back**.

To close **Quickpoint** and return to the **Office** folder, select **Options > Exit**.

View slides

Select a presentation, press , and press  to go to the **Slide** view.




You can also select **Options**, and select one of the following:

Change screen size—To toggle between full screen and partial screen mode.

Navigate—To go to the next or previous slide.

View—To switch to the **Outline**, **Notes**, or **Thumbnail** view.

In full screen mode, you can press:

- 1  —to zoom out
-  2abc —to zoom in
-  3 —to fit the slide to the screen

To close the presentation and return to the file view, select **Back**.

To close **Quickpoint** and return to the **Office** folder, select **Options > Exit**.

View thumbnails

Select a presentation, press , and press  to go to the **Thumbnail** view.

You can also select **Options**, and select one of the following:

Navigate—To move a page up or down.

View—To switch to the **Outline**, **Notes**, or **Slide** view.

To close the presentation and return to the file view, select **Back**.

To close **Quickpoint** and return to the **Office** folder, select **Options > Exit**.

More information

This application can be installed from <http://www.nokia.co.jp/support/phones/6680> from PC (Japanese only).

If you experience problems with **Quickpoint**, visit <http://www.quickoffice.com/> (English) for more information.

Support is also available by sending an e-mail to supportS60@quickoffice.com (English).

Imaging





Movie director

Use **Movie director** to create edited video clips that may contain video, sound, and text. Editing is carried out automatically according to the style that you select. The style determines the transitions and visual effects that are used in the video clip.

Press , and select **Office > Movie director**.

Press  or  to move between the  and  tabs.

On the  tab, you can select:

Quick muvee—Creates a short video clip from randomly-selected video clips and images. Select a style and press .

Custom muvee—You can select video clips and apply a style, music, and message; set the duration; and preview the video clip before saving. Define the following:

- **Video**—Select the video clips you want to use.
- **Image**—Select the images you want to use.

- **Style**—Select a style from the list. Styles determine the effects and message caption. Each style is associated with default music and message text.
- **Tracks**—Select a music clip from the list.
- **Message**—Adds a caption to the beginning and end of the video clip. You can enter a message or select one from the template. You can edit the default message text.
- **Create muvee**—You are prompted to set the duration for the video clip. Select **Multimedia message** to create a video size suitable to be sent in a multimedia message (MMS), **Same as music** to create a video of the same duration as the selected music clip, or **Use selected** to manually enter the video duration.

After the video preview is prepared, the **Preview muvee** view opens, where you can select **Play**, **Recreate**, and **Save**.




Tip: To create a slide show, select **Custom muvee**, and select images only.

Style downlds.—Download and install new styles.

Settings—Scroll to the setting you want to change:

- **Memory in use**—Select **Phone mem.** or **Memory card**.
- **Resolution**—Select **High**, **Low**, or **Automatic**.

- **Default muvee name**—Enter a default name for your video clips.

The  tab contains a list of video clips that you can **Play**, **Send**, **Rename**, and **Delete**.

Kuten Code List

区点 1-3行	区点4行	区点 1-3行	区点4行	区点 1-3行	区点4行	区点 1-3行	区点4行	区点 1-3行	区点4行
010	0123456789	052	0123456789	161	0123456789	193	0123456789	231	0123456789
011	・・・・・・・・・・	053	コサジジスズセソ	162	葵西梅堀握涯旭華芦	194	薯蛙垣矩蛇鈴割脇各	232	栗森桑嶽熟君薫訓群
012	・・・・・・全々メ〇	054	ジタダチツツツテ	163	梓円鞍扱児姐鮎鮎	195	抵櫻格核殺獲確獲		
013	・・・・・・〇	055	トドナニヌノハバ	164	鮎或栗裕安庵按暗案	196	赫較郭闊隔革字岳桑		
014	・・・・・・〇	056	ヒビフフヘベベ	165	較否	197	頸掛笠櫻楓梶鮎割		
015	・・・・・・〇	057	ボバミムムモヤヤ		【い】	198	怡括活渴滑葛轄日暨	232	卦裂卅係傾刑兄啓
016	・・・・・・〇	058	ユヨラリルレロ	164	以伊位依偉困夷委	198	叶梳輝粹株兎龜蒲	233	挂型斐形怪思慶慧
017	・・・・・・〇			165	威尉維意慰易椅爲	199	嘴鴨栢茅莖	234	携效景桂深汪楷桑
018	・・・・・・〇	060	Α Β Γ Δ Ε Ζ Η Θ	166	修維維肩委衣謂違	200	菊刈刈瓦乾厄冠寒	235	禦聖迎荊刺計諧
019	・・・・・・〇	061	Κ Λ Μ Ν Ο Π Ρ Σ Τ	167	井域域肩委衣謂違	201	勘勘奪喚堪堪完完	236	鷗雲迎刺載擊擊
020	・・・・・・〇	062	Υ Φ Ψ Ω	168	楓茨茅鰐允咽咽	202	幹患感憤憾換敢桓	237	傑欠決潔欠結月缺
021	・・・・・・〇	063	α β γ δ ε ζ η	169	引飲淫風蘆	203	竿管闊緩注翰肝	238	俟俟健養券劊墮
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023	・・・・・・〇	065	σ τ υ φ χ ψ ω		【う】	205	諫賢還鑑軒閑閑	240	槐樵牽大猷研硯
024	・・・・・・〇			170	右宇羽羽	206	館丸含岸廠疥瘡	241	肩見謙賢軒還鑑
				171	汪雨卵鵜窺五雄	207	眞雁頑頑頭	242	鯨元原廠幻弦減
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026	・・・・・・〇	070	Α Β Γ Δ Ε Ζ Η Θ	173	荏餌載嘗嬰影	207	基奇嬌奇岐奇幾	243	平個古呼個
027	・・・・・・〇	071	Ι Κ Λ Μ Ν Ο Π Ρ Σ	174	戎采永泳泳瑛瑛	208	旗既期棋棄	244	姑孤己庫孤弓放
028	・・・・・・〇	072	Τ Υ Φ Ψ Ω	175	術詠詠液液駢駢	209	機脚殺汽汽畿	245	糊袴股胡狐虎誇
029	・・・・・・〇	073	α β γ δ ε ζ η	176	閱櫻厭厭園堰奄	210	紀微規記貴起軌	246	顧鼓五互伍午吳
		074	θ ι κ λ μ ν ξ ο π ρ	177	撓撓淫淡炎焰煙	211	鬼龜僞儀妓官	247	御悟梧檣湖書語
		075	σ τ υ φ χ ψ ω	178	醜苑園遠遠貳	212	機疑祇義義誼	248	乞鯨交倭侯倭
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		078	Τ Υ Φ Ψ Ω	179	凹央央往庇	215	宮弓急救糾及	251	巧巷幸広庚康弘
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		084	Τ Υ Φ Ψ Ω	183	飯何伽佳佳	221	扶救橘況况况	257	忍忍惚惚惚惚
		085	α β γ δ ε ζ η	184	家寡科暇果架	222	春鄉鏡鑒鑒鑒	258	此頃今因困墾
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		087	σ τ υ φ χ ψ ω	186	蝦課嘩貨迺	224	巾鉦斤炊炊琴	260	昏昏根根根根
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		090	Τ Υ Φ Ψ Ω	189	蝦課嘩貨迺	227	俱句区狗玖炬	262	佐又峻峻左差
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		093	σ τ υ φ χ ψ ω	192	蝦課嘩貨迺	230	掘窟窟靴靴靴	265	災采屎碎碎碎
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		095	Ι Κ Λ Μ Ν Ο Π Ρ Σ	160	亜啞吐阿亞爰爰	232	掘窟窟靴靴靴	267	載劑劑在材罪
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		097	α β γ δ ε ζ η			234	掘窟窟靴靴靴	269	載劑劑在材罪
		098	θ ι κ λ μ ν ξ ο π ρ			235	掘窟窟靴靴靴	270	載劑劑在材罪
		099	σ τ υ φ χ ψ ω			236	掘窟窟靴靴靴	271	載劑劑在材罪
		100	Α Β Γ Δ Ε Ζ Η Θ			237	掘窟窟靴靴靴	272	載劑劑在材罪
		101	Ι Κ Λ Μ Ν Ο Π Ρ Σ			238	掘窟窟靴靴靴	273	載劑劑在材罪
		102	Τ Υ Φ Ψ Ω			239	掘窟窟靴靴靴	274	載劑劑在材罪
		103	α β γ δ ε ζ η			240	掘窟窟靴靴靴	275	載劑劑在材罪
		104	θ ι κ λ μ ν ξ ο π ρ			241	掘窟窟靴靴靴	276	載劑劑在材罪
		105	σ τ υ φ χ ψ ω			242	掘窟窟靴靴靴	277	載劑劑在材罪
		106	Α Β Γ Δ Ε Ζ Η Θ			243	掘窟窟靴靴靴	278	載劑劑在材罪
		107	Ι Κ Λ Μ Ν Ο Π Ρ Σ			244	掘窟窟靴靴靴	279	載劑劑在材罪
		108	Τ Υ Φ Ψ Ω			245	掘窟窟靴靴靴	280	載劑劑在材罪
		109	α β γ δ ε ζ η			246	掘窟窟靴靴靴	281	載劑劑在材罪
		110	θ ι κ λ μ ν ξ ο π ρ			247	掘窟窟靴靴靴	282	載劑劑在材罪
		111	σ τ υ φ χ ψ ω			248	掘窟窟靴靴靴	283	載劑劑在材罪
		112	Α Β Γ Δ Ε Ζ Η Θ			249	掘窟窟靴靴靴	284	載劑劑在材罪
		113	Ι Κ Λ Μ Ν Ο Π Ρ Σ			250	掘窟窟靴靴靴	285	載劑劑在材罪
		114	Τ Υ Φ Ψ Ω			251	掘窟窟靴靴靴	286	載劑劑在材罪
		115	α β γ δ ε ζ η			252	掘窟窟靴靴靴	287	載劑劑在材罪
		116	θ ι κ λ μ ν ξ ο π ρ			253	掘窟窟靴靴靴	288	載劑劑在材罪
		117	σ τ υ φ χ ψ ω			254	掘窟窟靴靴靴	289	載劑劑在材罪
		118	Α Β Γ Δ Ε Ζ Η Θ			255	掘窟窟靴靴靴	290	載劑劑在材罪
		119	Ι Κ Λ Μ Ν Ο Π Ρ Σ			256	掘窟窟靴靴靴	291	載劑劑在材罪
		120	Τ Υ Φ Ψ Ω			257	掘窟窟靴靴靴	292	載劑劑在材罪
		121	α β γ δ ε ζ η			258	掘窟窟靴靴靴	293	載劑劑在材罪
		122	θ ι κ λ μ ν ξ ο π ρ			259	掘窟窟靴靴靴	294	載劑劑在材罪
		123	σ τ υ φ χ ψ ω			260	掘窟窟靴靴靴	295	載劑劑在材罪
		124	Α Β Γ Δ Ε Ζ Η Θ			261	掘窟窟靴靴靴	296	載劑劑在材罪
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		126	Τ Υ Φ Ψ Ω			263	掘窟窟靴靴靴	298	載劑劑在材罪
		127	α β γ δ ε ζ η			264	掘窟窟靴靴靴	299	載劑劑在材罪
		128	θ ι κ λ μ ν ξ ο π ρ			265	掘窟窟靴靴靴	300	載劑劑在材罪
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		130	Α Β Γ Δ Ε Ζ Η Θ			267	掘窟窟靴靴靴	302	載劑劑在材罪
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		133	α β γ δ ε ζ η			270	掘窟窟靴靴靴	305	載劑劑在材罪
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		141	σ τ υ φ χ ψ ω			278	掘窟窟靴靴靴	313	載劑劑在材罪
		142	Α Β Γ Δ Ε Ζ Η Θ			279	掘窟窟靴靴靴	314	載劑劑在材罪
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		144	Τ Υ Φ Ψ Ω			281	掘窟窟靴靴靴	316	載劑劑在材罪
		145	α β γ δ ε ζ η			282	掘窟窟靴靴靴	317	載劑劑在材罪
		146	θ ι κ λ μ ν ξ ο π ρ			283	掘窟窟靴靴靴	318	載劑劑在材罪
		147	σ τ υ φ χ ψ ω			284	掘窟窟靴靴靴	319	載劑劑在材罪
		148	Α Β Γ Δ Ε Ζ Η Θ			285	掘窟窟靴靴靴	320	載劑劑在材罪
		149	Ι Κ Λ Μ Ν Ο Π Ρ Σ			286	掘窟窟靴靴靴	321	載劑劑在材罪
		150	Τ Υ Φ Ψ Ω			287	掘窟窟靴靴靴	322	載劑劑在材罪
		151	α β γ δ ε ζ η			288	掘窟窟靴靴靴	323	載劑劑在材罪
		152	θ ι κ λ μ ν ξ ο π ρ			289	掘窟窟靴靴靴	324	載劑劑在材罪
		153	σ τ υ φ χ ψ ω			290	掘窟窟靴靴靴	325	載劑劑在材罪
		154	Α Β Γ Δ Ε Ζ Η Θ			291	掘窟窟靴靴靴	326	載劑劑在材罪
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		170	θ ι κ λ μ ν ξ ο π ρ					342	載劑劑在材罪
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267 界神有崎崎崎崎崎作削	308 情擾条权淨吐量覆森讓	344 陀舵情陀賦群体堆対耐	379 答問糖統到	408 餅費避非飛腫廠備尾微
268 炸炸炸炸炸炸炸炸炸炸炸	309 鹽饅嘔淨飾	345 位帝待怠息態戴替泰滯胎	409 枇毘琵厓美	410 鼻柁樺匹匹匹匹匹彥藤菱
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456	【ら】	532	圪圪圪圪圪圪圪圪圪圪	531	圪圪圪圪圪圪圪圪圪圪	574	扞扞扞扞扞扞扞扞扞扞	617	櫓榜榜榜榜榜榜榜榜榜
456	羅	533	圪圪圪圪圪圪圪圪圪圪	532	圪圪圪圪圪圪圪圪圪圪	575	扞扞扞扞扞扞扞扞扞扞	618	櫓榜榜榜榜榜榜榜榜榜
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458	【り】	536	圪圪圪圪圪圪圪圪圪圪	535	圪圪圪圪圪圪圪圪圪圪	578	扞扞扞扞扞扞扞扞扞扞	621	櫓榜榜榜榜榜榜榜榜榜
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Troubleshooting

Q&A


Q: How can I display my number?

A: Select  > **Contacts** > **Options** > **SIM contacts** > **SIM directory** > **Options** > **My numbers**.

Q: How can I delete multiple contacts at once?

A: Select  > **Contacts** > **Options** > **Mark/Unmark** > **Mark all** > **Options** > **Delete**.

Q: How can I restore settings to default?


A: Select  > **Tools** > **Settings** > **Phone** > **General** > **Orig. phone settings** > Enter **Lock code** (default lock code:12345).

Note: With **Orig. phone settings**, only settings return to default, and user data is not deleted.


Q: What is the lock code?

A: The default lock code is 12345.

Q: I inadvertently set the clock to Sapporo; how can I change the city to Tokyo?

A: Select  > **Office** > **Clock** > Select world clock tab > **Options** > **Add city** > Select Tokyo > **Options** > **My home city**.


Q: How can I set the time to switch to the voice mailbox?

A: Select  > **Tools** > **Settings** > **Call divert** > **Voice calls** > Select transferring conditions > **Activate** > **To other number** > Enter 09066517000 > Select a duration from 5 to 30 seconds. The time can be changed only when the transferring condition is "If not answered" or "If not available".

Q: How can I back up to RC-MMC?

A: Select  > **Tools** > **Memory** > **Options** > **Backup phone mem..**

Q: How can I restore data backed up to RS-MMC?

A: Select  > **Tools** > **Memory** > **Options** > **Restore from card**.

Note: If there is no backup data in RS-MMC, the **Restore from card** menu will not be shown.


Q: How can I find out the free (or used) memory in RS-MMC?

A: Select  > **Tools > Memory**.


Q: How can I confirm what contents are saved in RS-MMC?

A: Select  > **Tools > Files** > the RS-MMC tab.

Q: How can I save images in RS-MMC that have been saved in the device?

A: Select  > **Gallery > Image** > Place the cursor on the images that you want to save in RS-MMC > **Options > Organise > Copy to memory card/Move to memory card**.


Q: How can I directly enter a URL for Web browsing?

A: In the standby mode, select >  > **Options > Navigation options > Go to the Web address**.

Q: How can I choose a network overseas?

A: You can use it without modification because it is auto-select.

Q: Why can't I send/receive multimedia messages?

A: Select  > **Messaging > Options > Settings > Multimedia message > Access point in use > VFJP MMS**.

Note: If VFJP MMS is deleted for any reason, restore default settings.

Q: When a multimedia message is received, why is only the e-mail address shown without showing the name, even though it has been registered in a contact?

A: Note that this is part of the specifications.

Q: Why can't I listen to music files (MP3/AAC) created using Audio Manager in Nokia PC Suite?

A: The device does not support this feature.

Q: Can Symbian applications be installed?

A: Only applications with certifications from Vodafone or Symbian can be installed.

Q: How can I listen to ringing tones?

A: Select  > **Profiles > Options > Personalise > Ringing tone > Select tone**.

Q: What is the part that looks like a light on the top left on the front of the mobile phone?

A: It is a light sensor rather than a light. The specification is that the backlight of the display and the keypad are turned on when the sensor detects a dark location.

Q: How can I browse Word files?

A: You can view them by inserting, into the mobile phone unit, the RS-MMC that is supplied with the device.

Battery information

Charging and discharging

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times but it will eventually wear out. When the call and standby times are noticeably shorter than normal, buy a new battery. Use only Nokia approved batteries. In addition, recharge your battery only with Nokia approved chargers designated for this device.

Always switch the device off and disconnect the charger before removing the battery.

Unplug the charger from the electrical plug and the device when not in use. Do not leave the battery connected to a charger. Overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time. Temperature extremes can affect the ability of your battery to charge.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire! Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.



Nokia original enhancements

A new extensive range of enhancements is available for your phone. Select the enhancements which accommodate your specific communication needs. Some of the enhancements are described in detail below.

List of compatible enhancements:

Audio

Fashion Stereo Headset	HS-3
Headset	HS-5
Boom Headset	HDB-4
Inductive Loopset	LPS-4
Radio Headset	HS-2R
Wireless Boom Headset	HS-4W
Wireless Headset	HDW-3
Wireless Headset	HS-11W
Wireless Image Headset	HS-13W
Wireless Clip-on Headset	HS-21W
Music Stand	MD-1

Car

Wireless Plug-in Car Handsfree	HF-6W
Plug-in Car Handsfree	HF-3
Headrest Handsfree	BHF-3
Wireless Car Kit	CK-1W
Advanced Car Kit	CK-7W
Car Kit	CK-10
Mobile Holder	CR-27

Data

128 MB MultiMediaCard (MMC)	MU-2
Wireless GPS Module	LD-1W

Imaging

Remote Camera	PT-6
Image Album	PD-1

Messaging

Digital Pen	SU-1B
Wireless Keyboard	SU-8W

Power

Retractable Charger

AC-1

Mobile Charger

LCH-12

Some of the enhancements are described in detail below. For availability of the enhancements, please check with your local dealer. A few practical rules for enhancements operation:

- Keep the enhancements out of small children's reach.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that all mobilephone equipment in a vehicle is mounted and operating properly.

Use only batteries, chargers and enhancements approved by the phone manufacturer. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

Battery

Type	Tech	Talktime#	Standby#
BL-5C	Li-Ion	up to about 190 hours (WCDMA) up to about 360 hours (GSM)	Up to about 260 hours

Variation in operation times may occur depending on SIM card, network and usage settings, usage style and environments.



Nokia Travel Charger ACP-12

A fast and efficient way to charge your phone battery. Suitable for active travelers. Powerful multivoltage charger.

Note: Plug types vary according to different markets.

Wireless Boom Headset HS-4W



Gain more freedom with the Nokia Wireless Boom Headset. Whether rushing to a meeting or just out for a stroll, you don't have to go searching through your bag or your coat to take the call.

Handsfree convenience make this light, comfortable headset a pleasure to use.

It's elegant, comfortable technology finely honed to the needs and rhythms of your life, both business and pleasure. Don't miss a stride.

- Stylish, comfortable wireless headset
- Bluetooth wireless technology

- Convenient call handling from the headset
- Effortless handsfree functionality
- Switches easily from one ear to the other
- LED light for status indication

Nokia Digital Pen SU-1B



Use your digital pen to create colourful, personalized messages and send them to your compatible phone using Bluetooth technology, and forward them via MMS. You can also use your pen to store your notes on your compatible PC.

Care and maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.

- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use a soft, clean, dry cloth to clean any lenses (such as camera, proximity sensor, and light sensor lenses).
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.

All of the above suggestions apply equally to your device, battery, charger, or any enhancement. If any device is not working properly, take it to the nearest authorized service facility for service.

Additional safety information

Operating environment

Remember to follow any special regulations in force in any area and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. To maintain compliance with radio frequency exposure guidelines only use enhancements approved by Nokia for use with this device. When the device is on and being worn on the body, always use an approved holder or carrying case.

Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 in. (15.3 cm) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should:

- always keep the device more than 6 in. (15.3 cm) from their pacemaker when the device is switched on;
- not carry the device in a breast pocket; and
- hold the device to the ear opposite the pacemaker to minimise the potential for interference.

If you have any reason to suspect that interference is taking place, switch off your device immediately.

Hearing aids

Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, air bag systems. For more information, check with the manufacturer or its representative of your vehicle or any equipment that has been added.

Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Potentially explosive environments



Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Emergency calls



Important: Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

To make an emergency call:

- 1 If the device is not on, switch it on. Check for adequate signal strength.
Some networks may require that a valid SIM or USIM card is properly inserted in the device.
- 2 Press  as many times as needed to clear the display and ready the device for calls.
- 3 Enter the official emergency number for your present location. Emergency numbers vary by location.
- 4 Press the  key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. In order to dial an emergency number while this device is in offline profile or flight profile, you must change the mode and enable the functions of the phone. Consult this guide or your service provider for more information.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.



WARNING! In offline profile you cannot make calls, except calls to certain emergency numbers, or use features that require network coverage.

Specific Absorption Rate (SAR) of Mobile Phones

The Vodafone702NKII model phone meets MIC's (Ministry of Internal Affairs and Communications) technical regulations for exposure to radio waves.

The regulation established the permitted levels of radio frequency energy, based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The regulation employs a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit is 2 watt/kilogram (W/kg)* averaged over 10 grams of tissue. The limit includes a substantial safety margin designed to ensure the safety of all persons, regardless of age and health. The value of the limit is equivalent to the international guidelines recommended by ICNIRP (International Commission on Non-Ionizing Radiation Protection).

All phone models should comply with the country's regulation before they are available for sale to the public. The highest SAR value for this phone Vodafone702NKII is 0.32 W/kg. It was determined by the Telecom Engineering Center (TELEC), a Registered Certification Agency for Radio Law. The SAR test was conducted in accordance with the MIC testing procedure, using standard operating positions with the phone transmitting at its highest permitted power level in all tested frequency bands. While the SAR levels may differ among various phones and at various positions, the levels all meet the MIC's technical regulation. Although SAR is determined at the highest certified power level, the actual SAR of a phone during operation may be well below the maximum value.

For further information about SAR, please see the following Web sites:

MIC:

<http://www.tele.soumu.go.jp/j/ele/index.htm>

Association of Radio Industries and Business:

<http://www.arib-emf.org/initiation/sar.html> (Japanese only)

Nokia Japan:

<http://www.nokia.co.jp>

*The MIC technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

Notes on the use of Bluetooth devices

In the frequency band used by this device, industrial, scientific, and medical devices, including microwave ovens, in-plant radio stations for identifying mobile objects that require licenses used for plant manufacturing lines, etc., specific low-power radio stations that do not require licenses, and ham radio stations, etc. (hereinafter abbreviated as "other radio stations") are also operating.

Please make sure that these "other radio stations" are not operating nearby before using this device.

In the event that interference occurs between this device and "other radio stations," immediately change the location for using this device, or stop sending radio waves to avoid interference.

If you have any questions or encounter any problems in using this device in Japan, please contact the number below.

Nokia Contact Center "Hello Nokia"

0570-0-66542

<http://www.nokia.co.jp>



The frequency band used by this device is 2.4 GHz.

This device employs the FHSS modulation method. The estimated distance from which the device causes interference is 10 m or less.

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